

QUALITY CONTROL REPORT

Work Order	: EB1321071	Page	: 1 of 9
Client	: MAGNESIUM OXIDE BOARD CORP	Laboratory	: Environmental Division Brisbane
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Project	: VOC TEST	QC Level	: NEPM 2013 Schedule B(3) and ALS QCS3 requirement
Site	: ----		
C-O-C number	: ----	Date Samples Received	: 29-AUG-2013
Sampler	: ----	Issue Date	: 04-SEP-2013
Order number	: MgO CORP VOC8/13		
Quote number	: ----	No. of samples received	: 1
		No. of samples analysed	: 1

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percentage Difference (RPD) and Acceptance Limits
- Method Blank (MB) and Laboratory Control Spike (LCS) Report; Recovery and Acceptance Limits
- Matrix Spike (MS) Report; Recovery and Acceptance Limits



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ACCREDITATION

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ISO/IEC 17025.

Signatories

This document has been electronically signed by the authorized signatories indicated below. Electronic signing has been carried out in compliance with procedures specified in 21 CFR Part 11.

<i>Signatories</i>	<i>Position</i>	<i>Accreditation Category</i>
Matt Frost	Senior Organic Chemist	Brisbane Inorganics
Matt Frost	Senior Organic Chemist	Brisbane Organics



General Comments

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Key :
Anonymous = Refers to samples which are not specifically part of this work order but formed part of the QC process lot
CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
RPD = Relative Percentage Difference
= Indicates failed QC



Laboratory Duplicate (DUP) Report

The quality control term Laboratory Duplicate refers to a randomly selected intralaboratory split. Laboratory duplicates provide information regarding method precision and sample heterogeneity. The permitted ranges for the Relative Percent Deviation (RPD) of Laboratory Duplicates are specified in ALS Method QWI-EN/38 and are dependent on the magnitude of results in comparison to the level of reporting: Result < 10 times LOR:- No Limit; Result between 10 and 20 times LOR:- 0% - 50%; Result > 20 times LOR:- 0% - 20%.

Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Recovery Limits (%)	
EA055: Moisture Content (QC Lot: 3040119)										
EB1321082-001	Anonymous	EA055-103: Moisture Content (dried @ 103°C)	----	1.0	%	18.0	18.1	0.0	0% - 50%	
EB1321139-002	Anonymous	EA055-103: Moisture Content (dried @ 103°C)	----	1.0	%	9.2	9.2	0.0	No Limit	
EP074A: Monocyclic Aromatic Hydrocarbons (QC Lot: 3039723)										
EB1321071-001	CMA - CM40009	EP074: Benzene	71-43-2	0.2	mg/kg	<0.2	<0.2	0.0	No Limit	
		EP074: Toluene	108-88-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit	
		EP074: Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit	
		EP074: meta- & para-Xylene	108-38-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit	
			106-42-3							
		EP074: Styrene	100-42-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit	
		EP074: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit	
		EP074: Isopropylbenzene	98-82-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit	
		EP074: n-Propylbenzene	103-65-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit	
		EP074: 1,3,5-Trimethylbenzene	108-67-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit	
		EP074: sec-Butylbenzene	135-98-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit	
		EP074: 1,2,4-Trimethylbenzene	95-63-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit	
		EP074: tert-Butylbenzene	98-06-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit	
EP074: p-Isopropyltoluene	99-87-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit			
EP074: n-Butylbenzene	104-51-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit			
EP074B: Oxygenated Compounds (QC Lot: 3039723)										
EB1321071-001	CMA - CM40009	EP074: Vinyl Acetate	108-05-4	5	mg/kg	<5	<5	0.0	No Limit	
		EP074: 2-Butanone (MEK)	78-93-3	5	mg/kg	<5	<5	0.0	No Limit	
		EP074: 4-Methyl-2-pentanone (MIBK)	108-10-1	5	mg/kg	<5	<5	0.0	No Limit	
		EP074: 2-Hexanone (MBK)	591-78-6	5	mg/kg	<5	<5	0.0	No Limit	
EP074C: Sulfonated Compounds (QC Lot: 3039723)										
EB1321071-001	CMA - CM40009	EP074: Carbon disulfide	75-15-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit	
EP074D: Fumigants (QC Lot: 3039723)										
EB1321071-001	CMA - CM40009	EP074: 2,2-Dichloropropane	594-20-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit	
		EP074: 1,2-Dichloropropane	78-87-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit	
		EP074: cis-1,3-Dichloropropylene	10061-01-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit	
		EP074: trans-1,3-Dichloropropylene	10061-02-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit	
		EP074: 1,2-Dibromoethane (EDB)	106-93-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit	
EP074E: Halogenated Aliphatic Compounds (QC Lot: 3039723)										
EB1321071-001	CMA - CM40009	EP074: 1,1-Dichloroethene	75-35-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit	
		EP074: Iodomethane	74-88-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit	
		EP074: trans-1,2-Dichloroethene	156-60-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit	



Sub-Matrix: SOIL				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Recovery Limits (%)
EP074E: Halogenated Aliphatic Compounds (QC Lot: 3039723) - continued									
EB1321071-001	CMA - CM40009	EP074: 1,1-Dichloroethane	75-34-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: cis-1,2-Dichloroethene	156-59-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1,1,1-Trichloroethane	71-55-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1,1-Dichloropropylene	563-58-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Carbon Tetrachloride	56-23-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1,2-Dichloroethane	107-06-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Trichloroethene	79-01-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Dibromomethane	74-95-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1,1,2-Trichloroethane	79-00-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1,3-Dichloropropane	142-28-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Tetrachloroethene	127-18-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1,1,1,2-Tetrachloroethane	630-20-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: trans-1,4-Dichloro-2-butene	110-57-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: cis-1,4-Dichloro-2-butene	1476-11-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1,1,2,2-Tetrachloroethane	79-34-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1,2,3-Trichloropropane	96-18-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Pentachloroethane	76-01-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1,2-Dibromo-3-chloropropane	96-12-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Hexachlorobutadiene	87-68-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Dichlorodifluoromethane	75-71-8	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Chloromethane	74-87-3	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Vinyl chloride	75-01-4	5	mg/kg	<5	<5	0.0	No Limit
		EP074: Bromomethane	74-83-9	5	mg/kg	<5	<5	0.0	No Limit
EP074: Chloroethane	75-00-3	5	mg/kg	<5	<5	0.0	No Limit		
EP074: Trichlorofluoromethane	75-69-4	5	mg/kg	<5	<5	0.0	No Limit		
EP074F: Halogenated Aromatic Compounds (QC Lot: 3039723)									
EB1321071-001	CMA - CM40009	EP074: Chlorobenzene	108-90-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Bromobenzene	108-86-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 2-Chlorotoluene	95-49-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 4-Chlorotoluene	106-43-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1,3-Dichlorobenzene	541-73-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1,4-Dichlorobenzene	106-46-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1,2-Dichlorobenzene	95-50-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1,2,4-Trichlorobenzene	120-82-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1,2,3-Trichlorobenzene	87-61-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP074G: Trihalomethanes (QC Lot: 3039723)									
EB1321071-001	CMA - CM40009	EP074: Chloroform	67-66-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Bromodichloromethane	75-27-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Dibromochloromethane	124-48-1	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Bromoform	75-25-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit

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 Work Order : EB1321071
 Client : MAGNESIUM OXIDE BOARD CORP
 Project : VOC TEST



Sub-Matrix: SOIL				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Recovery Limits (%)
EP074H: Naphthalene (QC Lot: 3039723)									
EB1321071-001	CMA - CM40009	EP074: Naphthalene	91-20-3	5	mg/kg	<5	<5	0.0	No Limit



Method Blank (MB) and Laboratory Control Spike (LCS) Report

The quality control term Method / Laboratory Blank refers to an analyte free matrix to which all reagents are added in the same volumes or proportions as used in standard sample preparation. The purpose of this QC parameter is to monitor potential laboratory contamination. The quality control term Laboratory Control Sample (LCS) refers to a certified reference material, or a known interference free matrix spiked with target analytes. The purpose of this QC parameter is to monitor method precision and accuracy independent of sample matrix. Dynamic Recovery Limits are based on statistical evaluation of processed LCS.

Sub-Matrix: SOIL

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report				
				Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)	
						LCS	Low	High	
EP074A: Monocyclic Aromatic Hydrocarbons (QCLot: 3039723)									
EP074: Benzene	71-43-2	0.2	mg/kg	---- <0.2	1 mg/kg ----	87.2 ----	64 ----	110 ----	
EP074: Toluene	108-88-3	0.5	mg/kg	---- <0.5	---- 1 mg/kg	---- 87.8	---- 66	---- 115	
EP074: Ethylbenzene	100-41-4	0.5	mg/kg	---- <0.5	---- 1 mg/kg	---- 86.4	---- 62	---- 106	
EP074: meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg	---- <0.5	---- 2 mg/kg	---- 84.1	---- 65	---- 111	
EP074: Styrene	100-42-5	0.5	mg/kg	---- <0.5	---- 1 mg/kg	---- 91.5	---- 62	---- 108	
EP074: ortho-Xylene	95-47-6	0.5	mg/kg	---- <0.5	---- 1 mg/kg	---- 86.1	---- 67	---- 111	
EP074: Isopropylbenzene	98-82-8	0.5	mg/kg	---- <0.5	---- 1 mg/kg	---- 80.7	---- 66	---- 110	
EP074: n-Propylbenzene	103-65-1	0.5	mg/kg	---- <0.5	---- 1 mg/kg	---- 88.8	---- 62	---- 108	
EP074: 1.3.5-Trimethylbenzene	108-67-8	0.5	mg/kg	---- <0.5	---- 1 mg/kg	---- 90.1	---- 68	---- 107	
EP074: sec-Butylbenzene	135-98-8	0.5	mg/kg	---- <0.5	---- 1 mg/kg	---- 86.7	---- 67	---- 110	
EP074: 1.2.4-Trimethylbenzene	95-63-6	0.5	mg/kg	---- <0.5	---- 1 mg/kg	---- 89.6	---- 68	---- 110	
EP074: tert-Butylbenzene	98-06-6	0.5	mg/kg	---- <0.5	---- 1 mg/kg	---- 89.7	---- 66	---- 110	
EP074: p-Isopropyltoluene	99-87-6	0.5	mg/kg	---- <0.5	---- 1 mg/kg	---- 89.5	---- 66	---- 112	
EP074: n-Butylbenzene	104-51-8	0.5	mg/kg	---- <0.5	---- 1 mg/kg	---- 87.0	---- 66	---- 110	
EP074B: Oxygenated Compounds (QCLot: 3039723)									
EP074: Vinyl Acetate	108-05-4	5	mg/kg	---- <5	10 mg/kg ----	87.5 ----	64 ----	113 ----	
EP074: 2-Butanone (MEK)	78-93-3	5	mg/kg	---- <5	---- 10 mg/kg	---- 111	---- 60	---- 130	
EP074: 4-Methyl-2-pentanone (MIBK)	108-10-1	5	mg/kg	---- <5	---- 10 mg/kg	---- 83.8	---- 56	---- 107	



Sub-Matrix: SOIL

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
				Result	Spike Concentration	Spike Recovery (%)	Recovery Limits (%)	
					LCS	Low	High	
EP074B: Oxygenated Compounds (QCLot: 3039723) - continued								
EP074: 2-Hexanone (MBK)	591-78-6	5	mg/kg	---- <5	10 mg/kg ----	80.9 ----	57 ----	113 ----
EP074C: Sulfonated Compounds (QCLot: 3039723)								
EP074: Carbon disulfide	75-15-0	0.5	mg/kg	---- <0.5	1 mg/kg ----	94.7 ----	62 ----	111 ----
EP074D: Fumigants (QCLot: 3039723)								
EP074: 2,2-Dichloropropane	594-20-7	0.5	mg/kg	---- <0.5	1 mg/kg ----	78.7 ----	51 ----	130 ----
EP074: 1,2-Dichloropropane	78-87-5	0.5	mg/kg	---- <0.5	1 mg/kg ----	82.3 ----	60 ----	112 ----
EP074: cis-1,3-Dichloropropylene	10061-01-5	0.5	mg/kg	<0.5 ----	2 mg/kg ----	90.6 ----	58 ----	114 ----
EP074: trans-1,3-Dichloropropylene	10061-02-6	0.5	mg/kg	---- <0.5	2 mg/kg ----	86.4 ----	55 ----	117 ----
EP074: 1,2-Dibromoethane (EDB)	106-93-4	0.5	mg/kg	<0.5 ----	1 mg/kg ----	96.4 ----	63 ----	113 ----
EP074E: Halogenated Aliphatic Compounds (QCLot: 3039723)								
EP074: Dichlorodifluoromethane	75-71-8	5	mg/kg	<5 ----	10 mg/kg ----	104 ----	84 ----	127 ----
EP074: Chloromethane	74-87-3	5	mg/kg	---- <5	10 mg/kg ----	96.5 ----	67 ----	128 ----
EP074: Vinyl chloride	75-01-4	5	mg/kg	---- <5	10 mg/kg ----	109 ----	66 ----	132 ----
EP074: Bromomethane	74-83-9	5	mg/kg	---- <5	10 mg/kg ----	93.7 ----	56 ----	121 ----
EP074: Chloroethane	75-00-3	5	mg/kg	<5 ----	10 mg/kg ----	87.9 ----	72 ----	120 ----
EP074: Trichlorofluoromethane	75-69-4	5	mg/kg	<5 ----	10 mg/kg ----	89.7 ----	62 ----	123 ----
EP074: 1,1-Dichloroethene	75-35-4	0.5	mg/kg	<0.5 ----	1 mg/kg ----	96.8 ----	67 ----	114 ----
EP074: Iodomethane	74-88-4	0.5	mg/kg	---- <0.5	1 mg/kg ----	92.1 ----	56 ----	111 ----
EP074: trans-1,2-Dichloroethene	156-60-5	0.5	mg/kg	---- <0.5	1 mg/kg ----	94.4 ----	59 ----	109 ----
EP074: 1,1-Dichloroethane	75-34-3	0.5	mg/kg	<0.5 ----	1 mg/kg ----	91.2 ----	54 ----	125 ----
EP074: cis-1,2-Dichloroethene	156-59-2	0.5	mg/kg	<0.5 ----	1 mg/kg ----	88.4 ----	64 ----	108 ----



Sub-Matrix: SOIL

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report				
				Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)	
						LCS	Low	High	
EP074E: Halogenated Aliphatic Compounds (QCLot: 3039723) - continued									
EP074: 1.1.1-Trichloroethane	71-55-6	0.5	mg/kg	---- <0.5	1 mg/kg ----	87.7 ----	64 ----	112 ----	
EP074: 1.1-Dichloropropylene	563-58-6	0.5	mg/kg	---- <0.5	1 mg/kg ----	89.8 ----	64 ----	112 ----	
EP074: Carbon Tetrachloride	56-23-5	0.5	mg/kg	---- <0.5	1 mg/kg ----	93.5 ----	60 ----	115 ----	
EP074: 1.2-Dichloroethane	107-06-2	0.5	mg/kg	---- <0.5	1 mg/kg ----	91.4 ----	65 ----	109 ----	
EP074: Trichloroethene	79-01-6	0.5	mg/kg	<0.5 ----	---- 1 mg/kg	---- 99.3	---- 66	---- 112	
EP074: Dibromomethane	74-95-3	0.5	mg/kg	---- <0.5	1 mg/kg ----	90.6 ----	64 ----	114 ----	
EP074: 1.1.2-Trichloroethane	79-00-5	0.5	mg/kg	---- <0.5	1 mg/kg ----	# 131 ----	63 ----	116 ----	
EP074: 1.3-Dichloropropane	142-28-9	0.5	mg/kg	<0.5 ----	---- 1 mg/kg	---- 83.3	---- 68	---- 114	
EP074: Tetrachloroethene	127-18-4	0.5	mg/kg	<0.5 ----	---- 1 mg/kg	---- 81.3	---- 74	---- 126	
EP074: 1.1.1.2-Tetrachloroethane	630-20-6	0.5	mg/kg	<0.5 ----	---- 1 mg/kg	---- 87.0	---- 65	---- 110	
EP074: trans-1.4-Dichloro-2-butene	110-57-6	0.5	mg/kg	<0.5 ----	---- 1 mg/kg	---- 93.0	---- 48	---- 130	
EP074: cis-1.4-Dichloro-2-butene	1476-11-5	0.5	mg/kg	---- <0.5	1 mg/kg ----	86.9 ----	49 ----	130 ----	
EP074: 1.1.2.2-Tetrachloroethane	79-34-5	0.5	mg/kg	<0.5 ----	---- 1 mg/kg	---- 85.3	---- 68	---- 108	
EP074: 1.2.3-Trichloropropane	96-18-4	0.5	mg/kg	<0.5 ----	---- 1 mg/kg	---- 69.0	---- 61	---- 121	
EP074: Pentachloroethane	76-01-7	0.5	mg/kg	---- <0.5	1 mg/kg ----	90.7 ----	42 ----	115 ----	
EP074: 1.2-Dibromo-3-chloropropane	96-12-8	0.5	mg/kg	---- <0.5	1 mg/kg ----	113 ----	54 ----	131 ----	
EP074: Hexachlorobutadiene	87-68-3	0.5	mg/kg	<0.5 ----	---- 1 mg/kg	---- 91.2	---- 53	---- 117	
EP074F: Halogenated Aromatic Compounds (QCLot: 3039723)									
EP074: Chlorobenzene	108-90-7	0.5	mg/kg	<0.5 ----	---- 1 mg/kg	---- 94.1	---- 68	---- 112	
EP074: Bromobenzene	108-86-1	0.5	mg/kg	---- <0.5	1 mg/kg ----	97.7 ----	68 ----	109 ----	



Sub-Matrix: SOIL

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
				Result	Spike Concentration	Spike Recovery (%)	Recovery Limits (%)	
					LCS	Low	High	
EP074F: Halogenated Aromatic Compounds (QCLot: 3039723) - continued								
EP074: 2-Chlorotoluene	95-49-8	0.5	mg/kg	---- <0.5	1 mg/kg ----	90.4 ----	66 ----	106 ----
EP074: 4-Chlorotoluene	106-43-4	0.5	mg/kg	---- <0.5	1 mg/kg ----	86.1 ----	66 ----	106 ----
EP074: 1,3-Dichlorobenzene	541-73-1	0.5	mg/kg	<0.5 ----	1 mg/kg ----	87.4 ----	68 ----	108 ----
EP074: 1,4-Dichlorobenzene	106-46-7	0.5	mg/kg	---- <0.5	1 mg/kg ----	88.5 ----	68 ----	106 ----
EP074: 1,2-Dichlorobenzene	95-50-1	0.5	mg/kg	<0.5 ----	1 mg/kg ----	93.3 ----	68 ----	108 ----
EP074: 1,2,4-Trichlorobenzene	120-82-1	0.5	mg/kg	---- <0.5	1 mg/kg ----	93.8 ----	60 ----	113 ----
EP074: 1,2,3-Trichlorobenzene	87-61-6	0.5	mg/kg	---- <0.5	1 mg/kg ----	86.7 ----	63 ----	113 ----
EP074G: Trihalomethanes (QCLot: 3039723)								
EP074: Chloroform	67-66-3	0.5	mg/kg	<0.5 ----	1 mg/kg ----	90.2 ----	66 ----	112 ----
EP074: Bromodichloromethane	75-27-4	0.5	mg/kg	---- <0.5	1 mg/kg ----	92.4 ----	56 ----	116 ----
EP074: Dibromochloromethane	124-48-1	0.5	mg/kg	---- <0.5	1 mg/kg ----	83.6 ----	62 ----	114 ----
EP074: Bromoform	75-25-2	0.5	mg/kg	---- <0.5	1 mg/kg ----	76.7 ----	53 ----	122 ----
EP074H: Naphthalene (QCLot: 3039723)								
EP074: Naphthalene	91-20-3	5	mg/kg	---- <5	1 mg/kg ----	77.6 ----	63 ----	109 ----

Matrix Spike (MS) Report

The quality control term Matrix Spike (MS) refers to an intralaboratory split sample spiked with a representative set of target analytes. The purpose of this QC parameter is to monitor potential matrix effects on analyte recoveries. Static Recovery Limits as per laboratory Data Quality Objectives (DQOs). Ideal recovery ranges stated may be waived in the event of sample matrix interference.

- No Matrix Spike (MS) Results are required to be reported.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

The quality control term Matrix Spike (MS) and Matrix Spike Duplicate (MSD) refers to intralaboratory split samples spiked with a representative set of target analytes. The purpose of these QC parameters are to monitor potential matrix effects on analyte recoveries. Static Recovery Limits as per laboratory Data Quality Objectives (DQOs). Ideal recovery ranges stated may be waived in the event of sample matrix interference.

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.