Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062923\
Data File : VD076640.D
Acq On : 29 Jun 2023 15:56
Operator : KP/SY
Sample : 03458-16RE
Misc : 5.12G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46M9RE

Quant Time: Jun 30 01:15:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	0.000	114	0	0.000	ug/L	-8.78
28) Chlorobenzene-d5	11.593	117	173	25.000	ug/L	# 0.01
58) 1,4-Dichlorobenzene-d4	13.287	152	259	25.000	ug/L	-0.24
System Monitoring Compounds						
4) Vinyl Chloride-d3	0.000	65	0	0.000	ug/L	
Spiked Amount 25.000	Range 30 - 150		Recovery =	0.000%#		
7) Chloroethane-d5	0.000	69	0	0.000	ug/L	
Spiked Amount 25.000	Range 30 - 150		Recovery =	0.000%#		
11) 1,1-Dichloroethene-d2	0.000	65	0	0.000	ug/L	
Spiked Amount 25.000	Range 45 - 110		Recovery =	0.000%#		
21) 2-Butanone-d5	7.034	46	137	0.000	ug/L	0.05
Spiked Amount 50.000	Range 20 - 135		Recovery =	0.000%#		
24) Chloroform-d	0.000	84	0	0.000	ug/L	
Spiked Amount 25.000	Range 40 - 150		Recovery =	0.000%#		
26) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/L	
Spiked Amount 25.000	Range 70 - 130		Recovery =	0.000%#		
32) Benzene-d6	0.000	84	0	0.000	ug/L	
Spiked Amount 25.000	Range 20 - 135		Recovery =	0.000%#		
36) 1,2-Dichloropropane-d6	9.222	67	354	104.796	ug/L	0.01
Spiked Amount 25.000	Range 70 - 120		Recovery =	419.200%#		
41) Toluene-d8	10.275	98	116	11.838	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	47.360%		
43) trans-1,3-Dichloroprop...	10.528	79	281	199.998	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	800.000%#		
47) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount 50.000	Range 20 - 135		Recovery =	0.000%#		
56) 1,1,2,2-Tetrachloroeth...	12.604	84	223	92.791	ug/L	-0.05
Spiked Amount 25.000	Range 45 - 120		Recovery =	371.160%#		
66) 1,2-Dichlorobenzene-d4	13.916	152	134	14.115	ug/L	0.10
Spiked Amount 25.000	Range 75 - 120		Recovery =	56.480%#		
Target Compounds						Qvalue
29) Cyclohexane	8.069	56	72	15.651	ug/L #	1
34) Trichloroethene	9.022	95	124	42.159	ug/L #	4
35) Methylcyclohexane	9.263	83	113	23.824	ug/L #	1
38) Bromodichloromethane	9.581	83	224	62.914	ug/L #	26
40) 4-Methyl-2-pentanone	10.157	43	70	36.047	ug/L #	44
42) Toluene	10.328	91	327	26.725	ug/L #	23
45) 1,1,2-Trichloroethane	10.740	97	455	212.502	ug/L #	46
48) 2-Hexanone	10.928	43	332	249.628	ug/L #	43
49) Dibromochloromethane	11.193	129	125	51.371	ug/L	78
50) 1,2-Dibromoethane	11.175	107	694	333.948	ug/L #	1
51) Chlorobenzene	11.669	112	163	21.338	ug/L #	9
52) Ethylbenzene	11.622	91	423	32.074	ug/L	85
53) m,p-Xylene	11.787	106	256	49.394	ug/L	83
54) o-Xylene	12.098	106	55	11.145	ug/L	76
57) 1,1,2,2-Tetrachloroethane	12.687	83	587	239.884	ug/L #	55
59) Bromoform	12.263	173	134	28.901	ug/L #	89
60) Isopropylbenzene	12.410	105	283	7.144	ug/L #	1
61) 1,2,3-Trichloropropane	12.804	75	1380	274.546	ug/L	92
62) 1,3,5-Trimethylbenzene	12.816	105	566	17.858	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
63) 1,2,4-Trimethylbenzene	13.363	105	582	18.608	ug/L		95
67) 1,2-Dichlorobenzene	14.134	146	118	7.516	ug/L	#	1
71) Naphthalene	15.328	128	141	7.041	ug/L	#	1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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