

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071222\
 Data File : VD073833.D
 Acq On : 12 Jul 2022 12:29
 Operator : VA/SY
 Sample : N3644-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-070822

Quant Time: Jul 13 04:30:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 07:04:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 07/13/2022

Supervised By :Mahesh
 Dado
 07/13/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	101248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	223283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	201490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	82448	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	79823	58.860	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.720%	
35) Dibromofluoromethane	7.902	113	74530	50.457	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.920%	
50) Toluene-d8	10.332	98	275211	53.433	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 106.860%	
62) 4-Bromofluorobenzene	12.620	95	94863	43.468	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 86.940%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	4377	7.622	ug/l	99
6) Chloroethane	2.926	64	2397	3.277	ug/l	99
7) Trichlorofluoromethane	3.267	101	5539	3.849	ug/l #	81
9) 1,1,2-Trichlorotrifluo...	4.085	101	3502	3.944	ug/l #	82
12) 1,1-Dichloroethene	4.067	96	2430	3.570	ug/l #	86
30) Chloroform	7.697	83	3726	1.693	ug/l	91
32) 1,1,1-Trichloroethane	7.902	97	5233	2.845	ug/l	95
36) 1,1-Dichloropropene	8.108	75	4389	2.937	ug/l	97
38) Carbon Tetrachloride	8.097	117	4391	2.573	ug/l	87
39) Methylcyclohexane	9.338	83	5348	3.457	ug/l #	70
40) Benzene	8.338	78	8081	1.816	ug/l #	88
44) Trichloroethene	9.108	130	2471	2.128	ug/l	82
45) 1,2-Dichloropropane	9.367	63	1904	1.446	ug/l	95
47) Bromodichloromethane	9.661	83	2509	1.238	ug/l #	81
52) Toluene	10.402	92	5177	1.733	ug/l	93
54) cis-1,3-Dichloropropene	10.079	75	2340	1.137	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.932	63	1283	2.469	ug/l #	72
59) 2-Hexanone	10.973	43	1810	2.773	ug/l	92
64) Tetrachloroethene	10.873	164	2111	2.433	ug/l	90
65) Chlorobenzene	11.661	112	4829	1.450	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	1624	1.228	ug/l #	57
67) Ethyl Benzene	11.738	91	11769	1.894	ug/l	99
68) m/p-Xylenes	11.843	106	7825	3.433	ug/l	97
69) o-Xylene	12.167	106	3511	1.554	ug/l	97
70) Styrene	12.185	104	4663	1.192	ug/l	92
73) Isopropylbenzene	12.467	105	11869	2.106	ug/l	97
77) Bromobenzene	12.743	156	1527	1.293	ug/l	95
78) n-propylbenzene	12.808	91	16391	2.303	ug/l	94
79) 2-Chlorotoluene	12.896	91	7447	1.819	ug/l	99
80) 1,3,5-Trimethylbenzene	12.943	105	8793	1.872	ug/l	90
82) 4-Chlorotoluene	12.990	91	6789	1.586	ug/l	93
83) tert-Butylbenzene	13.208	119	9104	2.199	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	10890	2.311	ug/l	97
85) sec-Butylbenzene	13.385	105	14893	2.314	ug/l	98
86) p-Isopropyltoluene	13.502	119	10653	2.056	ug/l	96
87) 1,3-Dichlorobenzene	13.496	146	3197	1.260	ug/l	84

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	13.585	146	3368m	1.355	ug/l	
89) n-Butylbenzene	13.826	91	12365	2.378	ug/l	93
90) Hexachloroethane	14.096	117	2407	2.399	ug/l	93
91) 1,2-Dichlorobenzene	13.873	146	2411	1.079	ug/l	91
94) Hexachlorobutadiene	15.249	225	1363	2.249	ug/l	86

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

