

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010620\
 Data File : VD064774.D
 Acq On : 06 Jan 2020 15:44
 Operator : VA/SY
 Sample : L1008-01
 Misc : 6.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-010220

Quant Time: Jan 07 00:36:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	7076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	10734	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	9524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	3619	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	4099	65.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.38%	
35) Dibromofluoromethane	7.92	113	3100	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
50) Toluene-d8	10.34	98	10893	43.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.38%	
62) 4-Bromofluorobenzene	12.64	95	3523	44.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.34%	

Target Compounds			Qvalue			
3) Chloromethane	2.22	50	612	7.958	ug/l #	42
4) Vinyl Chloride	2.34	62	235	2.506	ug/l #	41
5) Bromomethane	2.79	94	468	6.864	ug/l #	59
6) Chloroethane	2.93	64	267	4.249	ug/l #	42
9) 1,1,2-Trichlorotrifluoroet	4.12	101	121	1.850	ug/l #	16
10) Methyl Iodide	4.32	142	328	4.670	ug/l #	62
11) Tert butyl alcohol	5.05	59	55	15.381	ug/l #	70
12) 1,1-Dichloroethene	4.14	96	159	2.554	ug/l #	1
14) Allyl chloride	4.71	41	124	1.278	ug/l #	75
16) Acetone	4.16	43	186	16.683	ug/l #	42
18) Methyl Acetate	4.89	43	57	1.623	ug/l #	51
20) Methylene Chloride	4.96	84	205	Below Cal	#	17
21) trans-1,2-Dichloroethene	5.47	96	167	2.356	ug/l #	45
23) Vinyl Acetate	6.34	43	275	2.504	ug/l #	72
24) 1,1-Dichloroethane	6.26	63	255	2.194	ug/l #	80
25) 2-Butanone	7.21	43	147	8.571	ug/l #	49
29) Tetrahydrofuran	7.58	42	89	8.344	ug/l #	33
30) Chloroform	7.71	83	184	1.509	ug/l #	18
31) Cyclohexane	7.98	56	287	2.467	ug/l #	76
36) 1,1-Dichloropropene	8.10	75	440	4.259	ug/l #	41
37) Ethyl Acetate	7.27	43	133	3.277	ug/l #	70
38) Carbon Tetrachloride	7.98	117	684	6.209	ug/l #	12
39) Methylcyclohexane	9.36	83	457	3.652	ug/l #	61
40) Benzene	8.36	78	1191	4.223	ug/l #	50
41) Methacrylonitrile	7.67	41	61	2.590	ug/l #	24
44) Trichloroethene	9.11	130	278	3.355	ug/l	39
48) Methyl methacrylate	9.45	41	190	4.995	ug/l #	15
51) 4-Methyl-2-Pentanone	10.23	43	268	6.712	ug/l #	37
52) Toluene	10.40	92	640	3.459	ug/l	76
56) Ethyl methacrylate	10.55	69	68	1.076	ug/l #	62
59) 2-Hexanone	10.98	43	142	5.240	ug/l #	26
60) Dibromochloromethane	10.87	129	233	3.330	ug/l #	11
61) 1,2-Dibromoethane	11.20	107	68	1.363	ug/l #	2
64) Tetrachloroethene	10.88	164	579	7.924	ug/l #	30

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

65) Chlorobenzene	11.67	112	884	4.472	ug/l #	44
67) Ethyl Benzene	11.76	91	912	2.542	ug/l #	85
68) m/p-Xylenes	11.86	106	875	6.319	ug/l	89
70) Styrene	12.21	104	389	1.772	ug/l #	47
73) Isopropylbenzene	12.49	105	839	3.244	ug/l #	64
74) N-amyl acetate	12.30	43	79	1.429	ug/l #	23
75) 1,1,2,2-Tetrachloroethane	12.73	83	55	1.354	ug/l #	26
76) 1,2,3-Trichloropropane	12.78	75	63	2.205	ug/l #	100
77) Bromobenzene	12.77	156	181	2.848	ug/l #	42
78) n-propylbenzene	12.83	91	1182	3.918	ug/l	94
79) 2-Chlorotoluene	12.91	91	413	2.492	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	588	2.768	ug/l #	63
81) trans-1,4-Dichloro-2-buten	12.64	75	1720	125.878	ug/l #	10
82) 4-Chlorotoluene	12.91	91	413	2.341	ug/l	99
83) tert-Butylbenzene	13.23	119	503	2.727	ug/l #	28
84) 1,2,4-Trimethylbenzene	13.27	105	746	3.526	ug/l #	45
85) sec-Butylbenzene	13.41	105	1035	4.093	ug/l #	68
86) p-Isopropyltoluene	13.53	119	899	3.718	ug/l #	88
87) 1,3-Dichlorobenzene	13.51	146	530	4.375	ug/l #	75
88) 1,4-Dichlorobenzene	13.61	146	590	4.958	ug/l #	76
89) n-Butylbenzene	13.85	91	949	4.358	ug/l	88
91) 1,2-Dichlorobenzene	13.91	146	512	4.957	ug/l #	41
92) 1,2-Dibromo-3-Chloropropan	14.57	75	57	8.655	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.17	180	771	10.137	ug/l	75
94) Hexachlorobutadiene	15.28	225	245	5.119	ug/l #	67
95) Naphthalene	15.41	128	1150	9.557	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.61	180	925	14.246	ug/l #	33

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

