

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081920\
 Data File : VD066335.D
 Acq On : 20 Aug 2020 00:58
 Operator : VA/SY
 Sample : L3712-02RE
 Misc : 7.31G/5.00ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-27137RE

Quant Time: Aug 20 07:22:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	2815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	4075	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	3761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	1780	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	2539	101.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.20%	
35) Dibromofluoromethane	7.90	113	1801	69.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	139.54%	
50) Toluene-d8	10.34	98	4315	45.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.60%	
62) 4-Bromofluorobenzene	12.63	95	1514	44.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.18%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.00	85	98	3.951	ug/l	# 42
3) Chloromethane	2.21	50	64	3.317	ug/l	# 40
4) Vinyl Chloride	2.34	62	62	3.630	ug/l	# 42
5) Bromomethane	2.80	94	540	47.653	ug/l	# 73
7) Trichlorofluoromethane	3.29	101	229	5.143	ug/l	# 17
8) Diethyl Ether	3.67	74	57	4.537	ug/l	# 1
9) 1,1,2-Trichlorotrifluoroet	4.10	101	65	2.460	ug/l	# 16
10) Methyl Iodide	4.31	142	881	38.414	ug/l	# 47
11) Tert butyl alcohol	5.20	59	202	82.222	ug/l	# 76
12) 1,1-Dichloroethene	4.07	96	229	9.186	ug/l	# 39
16) Acetone	4.15	43	251	52.673	ug/l	# 44
17) Carbon Disulfide	4.41	76	430	5.425	ug/l	# 74
19) Methyl tert-butyl Ether	5.37	73	61	1.068	ug/l	# 55
20) Methylene Chloride	4.94	84	258	5.253	ug/l	# 40
21) trans-1,2-Dichloroethene	5.49	96	59	2.060	ug/l	# 1
23) Vinyl Acetate	6.34	43	99	2.263	ug/l	# 70
25) 2-Butanone	7.21	43	55	7.847	ug/l	# 47
27) cis-1,2-Dichloroethene	7.21	96	220	7.324	ug/l	# 23
30) Chloroform	7.71	83	166	3.420	ug/l	# 19
31) Cyclohexane	7.98	56	321	7.296	ug/l	# 75
36) 1,1-Dichloropropene	8.10	75	75	1.959	ug/l	# 41
37) Ethyl Acetate	7.21	43	55	3.625	ug/l	# 1
38) Carbon Tetrachloride	7.97	117	252	5.901	ug/l	# 10
39) Methylcyclohexane	9.35	83	513	11.082	ug/l	# 44
40) Benzene	8.34	78	474	4.462	ug/l	# 25
44) Trichloroethene	9.11	130	135	4.217	ug/l	# 5
48) Methyl methacrylate	9.40	41	62	4.062	ug/l	# 16
49) 1,4-Dioxane	9.30	88	70	380.734	ug/l	# 26
52) Toluene	10.39	92	549	7.854	ug/l	# 53
60) Dibromochloromethane	10.88	129	132	4.640	ug/l	# 11
64) Tetrachloroethene	10.87	164	281	9.730	ug/l	# 44
65) Chlorobenzene	11.67	112	419	5.488	ug/l	# 79
67) Ethyl Benzene	11.75	91	903	6.825	ug/l	# 43
68) m/p-Xylenes	11.84	106	304	5.930	ug/l	# 1

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69) o-Xylene	12.16	106	169	3.624	ug/l #	1
70) Styrene	12.20	104	446	5.458	ug/l #	58
73) Isopropylbenzene	12.47	105	903	7.600	ug/l #	61
74) N-amyl acetate	12.24	43	54	2.064	ug/l #	42
76) 1,2,3-Trichloropropane	12.63	75	742	49.987	ug/l #	100
78) n-propylbenzene	12.81	91	1096	7.935	ug/l	94
79) 2-Chlorotoluene	12.91	91	528	6.684	ug/l	93
80) 1,3,5-Trimethylbenzene	12.96	105	569	5.726	ug/l	77
81) trans-1,4-Dichloro-2-buten	12.63	75	742	110.499	ug/l #	13
82) 4-Chlorotoluene	12.91	91	528	6.332	ug/l	92
83) tert-Butylbenzene	13.23	119	672	7.690	ug/l #	74
84) 1,2,4-Trimethylbenzene	13.27	105	750	7.542	ug/l #	56
85) sec-Butylbenzene	13.40	105	778	6.594	ug/l	99
86) p-Isopropyltoluene	13.53	119	871	7.871	ug/l #	59
87) 1,3-Dichlorobenzene	13.52	146	454	7.898	ug/l #	81
88) 1,4-Dichlorobenzene	13.60	146	600	10.466	ug/l #	83
89) n-Butylbenzene	13.84	91	815	8.220	ug/l #	87
91) 1,2-Dichlorobenzene	13.88	146	266	5.232	ug/l #	25
93) 1,2,4-Trichlorobenzene	15.16	180	359	9.582	ug/l #	64
94) Hexachlorobutadiene	15.28	225	203	9.201	ug/l #	42
95) Naphthalene	15.40	128	1106	18.117	ug/l #	68
96) 1,2,3-Trichlorobenzene	15.60	180	519	15.692	ug/l #	67

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

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