

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052620\
 Data File : VD065755.D
 Acq On : 26 May 2020 11:50
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 27 07:36:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 13 14:28:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	324324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	482410	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	435010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	213687	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	126436	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
35) Dibromofluoromethane	7.91	113	128321	46.95	ug/l	0.00
Spiked Amount			Recovery	=	93.90%	
50) Toluene-d8	10.34	98	484585	46.57	ug/l	0.00
Spiked Amount			Recovery	=	93.14%	
62) 4-Bromofluorobenzene	12.64	95	161218	45.75	ug/l	0.00
Spiked Amount			Recovery	=	91.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	94882	44.590	ug/l	97
3) Chloromethane	2.21	50	135682	44.491	ug/l	100
4) Vinyl Chloride	2.35	62	159948	48.437	ug/l	99
5) Bromomethane	2.77	94	100784	46.193	ug/l	97
6) Chloroethane	2.92	64	106647	49.792	ug/l	97
7) Trichlorofluoromethane	3.27	101	210559	46.124	ug/l	98
8) Diethyl Ether	3.70	74	56878	43.362	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	124663	44.427	ug/l	98
10) Methyl Iodide	4.30	142	128259	43.755	ug/l	98
11) Tert butyl alcohol	5.22	59	40611	177.881	ug/l	99
12) 1,1-Dichloroethene	4.07	96	116035	43.599	ug/l	97
13) Acrolein	3.93	56	34823	240.660	ug/l	99
14) Allyl chloride	4.71	41	192168	41.760	ug/l	96
15) Acrylonitrile	5.42	53	125759	217.022	ug/l	97
16) Acetone	4.15	43	162683	303.462	ug/l	96
17) Carbon Disulfide	4.41	76	356555	42.417	ug/l	100
18) Methyl Acetate	4.71	43	55025	43.554	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	265622	42.779	ug/l	97
20) Methylene Chloride	4.97	84	121415	40.145	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	132763	43.326	ug/l	94
22) Diisopropyl ether	6.36	45	377422	43.081	ug/l	96
23) Vinyl Acetate	6.30	43	1130580	219.407	ug/l	99
24) 1,1-Dichloroethane	6.26	63	226230	44.104	ug/l	98
25) 2-Butanone	7.21	43	179428	234.140	ug/l	96
26) 2,2-Dichloropropane	7.21	77	212991	44.738	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	143733	42.803	ug/l	98
28) Bromochloromethane	7.55	49	108891	51.632	ug/l	96
29) Tetrahydrofuran	7.56	42	104512	215.103	ug/l	99
30) Chloroform	7.71	83	235169	45.364	ug/l	96
31) Cyclohexane	7.99	56	219663	42.305	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	219325	45.164	ug/l	98
36) 1,1-Dichloropropene	8.11	75	185474	44.272	ug/l	99
37) Ethyl Acetate	7.29	43	75311	41.961	ug/l	97
38) Carbon Tetrachloride	8.10	117	200518	45.126	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	232919	43.382	ug/l	99
40) Benzene	8.36	78	510282	44.295	ug/l	97
41) Methacrylonitrile	7.52	41	51793	52.398	ug/l #	84
42) 1,2-Dichloroethane	8.43	62	146702	45.736	ug/l	99
43) Isopropyl Acetate	8.45	43	149843	42.122	ug/l	99
44) Trichloroethene	9.11	130	147646	42.810	ug/l	97
45) 1,2-Dichloropropane	9.39	63	128228	45.145	ug/l	96
46) Dibromomethane	9.47	93	67786	44.259	ug/l	95
47) Bromodichloromethane	9.67	83	180164	44.941	ug/l	99
48) Methyl methacrylate	9.46	41	72903	43.659	ug/l	99
49) 1,4-Dioxane	9.47	88	15769	872.606	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	372538	218.835	ug/l	100
52) Toluene	10.41	92	331946	43.983	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	170291	43.481	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	205598	44.134	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	93224	44.681	ug/l	96
56) Ethyl methacrylate	10.66	69	114144	41.974	ug/l #	93
57) 1,3-Dichloropropane	10.95	76	159607	43.981	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	322173	254.652	ug/l	99
59) 2-Hexanone	10.99	43	276282	238.325	ug/l	98
60) Dibromochloromethane	11.14	129	125155	44.794	ug/l	99
61) 1,2-Dibromoethane	11.25	107	89800	43.093	ug/l	98
64) Tetrachloroethene	10.88	164	125444	41.703	ug/l	98
65) Chlorobenzene	11.67	112	348167	42.473	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	128537	41.882	ug/l	99
67) Ethyl Benzene	11.75	91	636055	43.517	ug/l	98
68) m/p-Xylenes	11.86	106	489281	87.645	ug/l	100
69) o-Xylene	12.18	106	226240	43.534	ug/l	98
70) Styrene	12.20	104	385403	43.456	ug/l	99
71) Bromoform	12.37	173	71701	42.330	ug/l #	100
73) Isopropylbenzene	12.48	105	627210	43.721	ug/l	99
74) N-amyl acetate	12.30	43	137954	41.418	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	98455	43.362	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	75542m	47.369	ug/l	
77) Bromobenzene	12.77	156	144401	41.761	ug/l	98
78) n-propylbenzene	12.83	91	741311	44.237	ug/l	100
79) 2-Chlorotoluene	12.91	91	400955	43.243	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	517599	43.789	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	34487	42.425	ug/l	96
82) 4-Chlorotoluene	13.01	91	428078	43.791	ug/l	99
83) tert-Butylbenzene	13.23	119	453229	43.241	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	513653	44.064	ug/l	99
85) sec-Butylbenzene	13.41	105	634788	44.508	ug/l	99
86) p-Isopropyltoluene	13.52	119	584622	44.596	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	280195	43.204	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	274300	42.462	ug/l	98
89) n-Butylbenzene	13.85	91	549000	44.785	ug/l	99
90) Hexachloroethane	14.12	117	112881	44.013	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	238103	42.445	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	15687	41.315	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	177373	41.564	ug/l	99
94) Hexachlorobutadiene	15.27	225	107594	42.053	ug/l	99
95) Naphthalene	15.41	128	296934	41.834	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	149978	41.220	ug/l	99

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

