

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070120\
 Data File : VD065900.D
 Acq On : 01 Jul 2020 11:00
 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: Jul 02 04:58:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 19:16:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	167518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	267771	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	243369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	116839	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	79341	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	
35) Dibromofluoromethane	7.91	113	78262	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
50) Toluene-d8	10.34	98	294194	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
62) 4-Bromofluorobenzene	12.63	95	97981	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	65473	40.875	ug/l	100
3) Chloromethane	2.21	50	96617	43.401	ug/l	93
4) Vinyl Chloride	2.35	62	104736	42.413	ug/l	93
5) Bromomethane	2.77	94	67869	42.020	ug/l	100
6) Chloroethane	2.93	64	67665	43.453	ug/l	96
7) Trichlorofluoromethane	3.27	101	143779	46.189	ug/l	99
8) Diethyl Ether	3.70	74	36960	45.163	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	81306	46.350	ug/l	98
10) Methyl Iodide	4.30	142	80764	44.398	ug/l	99
11) Tert butyl alcohol	5.21	59	23668	272.855	ug/l	96
12) 1,1-Dichloroethene	4.07	96	75257	46.027	ug/l	95
13) Acrolein	3.91	56	27423	216.815	ug/l	95
14) Allyl chloride	4.71	41	122203	47.381	ug/l	98
15) Acrylonitrile	5.41	53	79706	229.120	ug/l	98
16) Acetone	4.15	43	102071	299.346	ug/l #	88
17) Carbon Disulfide	4.41	76	248113	44.916	ug/l	98
18) Methyl Acetate	4.72	43	35925	47.515	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	167702	46.774	ug/l	100
20) Methylene Chloride	4.96	84	98737	56.183	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	85968	45.916	ug/l	94
22) Diisopropyl ether	6.36	45	252679	46.974	ug/l	97
23) Vinyl Acetate	6.30	43	737463	237.210	ug/l	100
24) 1,1-Dichloroethane	6.26	63	149436	46.567	ug/l	100
25) 2-Butanone	7.21	43	114649	251.952	ug/l	97
26) 2,2-Dichloropropane	7.20	77	144327	49.009	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	93326	45.050	ug/l	97
28) Bromochloromethane	7.54	49	55535	46.052	ug/l	97
29) Tetrahydrofuran	7.56	42	66395	229.700	ug/l	96
30) Chloroform	7.71	83	160266	46.644	ug/l	92
31) Cyclohexane	7.98	56	137406	44.075	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	148929	47.236	ug/l	99
36) 1,1-Dichloropropene	8.11	75	125401	48.026	ug/l	99
37) Ethyl Acetate	7.29	43	47774	47.850	ug/l #	97
38) Carbon Tetrachloride	8.10	117	136552	48.430	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	147680	47.602	ug/l	96
40) Benzene	8.35	78	334048	46.113	ug/l	96
41) Methacrylonitrile	7.52	41	27505	50.214	ug/l #	53
42) 1,2-Dichloroethane	8.42	62	103530	48.445	ug/l	99
43) Isopropyl Acetate	8.45	43	93930	48.553	ug/l	97
44) Trichloroethene	9.11	130	91535	46.643	ug/l	97
45) 1,2-Dichloropropane	9.38	63	83200	47.946	ug/l	99
46) Dibromomethane	9.47	93	44669	46.437	ug/l	97
47) Bromodichloromethane	9.66	83	123654	48.377	ug/l	92
48) Methyl methacrylate	9.46	41	46214	48.734	ug/l	91
49) 1,4-Dioxane	9.46	88	9170	931.940	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	238328	238.991	ug/l	99
52) Toluene	10.40	92	218238	46.337	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	117415	48.123	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	136120	47.513	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	58655	46.013	ug/l	91
56) Ethyl methacrylate	10.66	69	73747	46.592	ug/l	97
57) 1,3-Dichloropropane	10.94	76	105141	47.021	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	192378	277.284	ug/l	98
59) 2-Hexanone	10.98	43	176313	252.234	ug/l	98
60) Dibromochloromethane	11.14	129	79809	45.836	ug/l	99
61) 1,2-Dibromoethane	11.25	107	56595	45.362	ug/l	99
64) Tetrachloroethene	10.88	164	74519	46.891	ug/l	95
65) Chlorobenzene	11.67	112	221897	45.966	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	85037	47.287	ug/l	97
67) Ethyl Benzene	11.74	91	416332	46.436	ug/l	99
68) m/p-Xylenes	11.86	106	326141	95.543	ug/l	99
69) o-Xylene	12.18	106	144813	47.208	ug/l	100
70) Styrene	12.20	104	252295	47.037	ug/l	99
71) Bromoform	12.36	173	43209	45.244	ug/l #	98
73) Isopropylbenzene	12.48	105	405530	48.460	ug/l	99
74) N-amyl acetate	12.29	43	88646	47.946	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	63253	45.919	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	47039m	46.010	ug/l	
77) Bromobenzene	12.77	156	89047	47.329	ug/l	98
78) n-propylbenzene	12.83	91	487006	48.306	ug/l	100
79) 2-Chlorotoluene	12.91	91	270192	48.656	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	339548	48.537	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	22341	46.946	ug/l	99
82) 4-Chlorotoluene	13.01	91	285697	48.144	ug/l	100
83) tert-Butylbenzene	13.23	119	280944	47.721	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	335781	48.726	ug/l	98
85) sec-Butylbenzene	13.40	105	408216	48.657	ug/l	99
86) p-Isopropyltoluene	13.52	119	380482	49.929	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	174737	47.802	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	172719	46.964	ug/l	99
89) n-Butylbenzene	13.85	91	365207	49.148	ug/l	99
90) Hexachloroethane	14.11	117	75984	48.861	ug/l	92
91) 1,2-Dichlorobenzene	13.89	146	149396	46.651	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11230	52.630	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	99178	48.852	ug/l	99
94) Hexachlorobutadiene	15.27	225	56555	48.840	ug/l	98
95) Naphthalene	15.41	128	173729	47.663	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	83536	49.310	ug/l	96

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

