

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071020\
 Data File : VD065949.D
 Acq On : 10 Jul 2020 15:51
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 11 05:11:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	378297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	569919	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	521597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	261298	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	160590	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
35) Dibromofluoromethane	7.91	113	169503	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
50) Toluene-d8	10.34	98	617083	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
62) 4-Bromofluorobenzene	12.63	95	221273	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	130297	38.743	ug/l	95
3) Chloromethane	2.20	50	128867	38.654	ug/l	99
4) Vinyl Chloride	2.35	62	123626	40.386	ug/l	99
5) Bromomethane	2.77	94	81058	41.803	ug/l	97
6) Chloroethane	2.93	64	75407	41.209	ug/l	90
7) Trichlorofluoromethane	3.27	101	277546	42.304	ug/l	99
8) Diethyl Ether	3.71	74	85043	47.249	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.10	101	170917	43.553	ug/l	97
10) Methyl Iodide	4.30	142	186351	45.331	ug/l	99
11) Tert butyl alcohol	5.21	59	50833	240.515	ug/l	98
12) 1,1-Dichloroethene	4.07	96	161044	43.926	ug/l	93
13) Acrolein	3.92	56	44678	267.755	ug/l	96
14) Allyl chloride	4.71	41	274789	44.228	ug/l	98
15) Acrylonitrile	5.42	53	193058	244.980	ug/l	98
16) Acetone	4.15	43	189430	241.096	ug/l	99
17) Carbon Disulfide	4.40	76	490600	41.997	ug/l	100
18) Methyl Acetate	4.71	43	87101	47.292	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	381318	49.127	ug/l	97
20) Methylene Chloride	4.96	84	198298	44.944	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	184608	44.755	ug/l	98
22) Diisopropyl ether	6.36	45	547427	46.885	ug/l	98
23) Vinyl Acetate	6.30	43	1616147	242.500	ug/l	98
24) 1,1-Dichloroethane	6.26	63	319339	45.868	ug/l	99
25) 2-Butanone	7.21	43	250980	241.738	ug/l	100
26) 2,2-Dichloropropane	7.20	77	273034	44.828	ug/l	98
27) cis-1,2-Dichloroethene	7.20	96	204037	46.037	ug/l	99
28) Bromochloromethane	7.54	49	116686	44.366	ug/l	98
29) Tetrahydrofuran	7.56	42	156467	237.002	ug/l	98
30) Chloroform	7.71	83	324244	45.939	ug/l	95
31) Cyclohexane	7.98	56	291769	42.593	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	293945	45.635	ug/l	100
36) 1,1-Dichloropropene	8.11	75	250770	44.551	ug/l	100
37) Ethyl Acetate	7.28	43	106024	44.955	ug/l #	96
38) Carbon Tetrachloride	8.09	117	271535	45.007	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	320476	46.375	ug/l	98
40) Benzene	8.35	78	723098	46.501	ug/l	97
41) Methacrylonitrile	7.52	41	65635m	47.933	ug/l	
42) 1,2-Dichloroethane	8.42	62	201776	45.803	ug/l	98
43) Isopropyl Acetate	8.45	43	216069	49.219	ug/l	100
44) Trichloroethene	9.11	130	214221	46.886	ug/l	97
45) 1,2-Dichloropropane	9.38	63	181155	46.937	ug/l	100
46) Dibromomethane	9.47	93	96748	48.149	ug/l	96
47) Bromodichloromethane	9.66	83	253280	46.991	ug/l	99
48) Methyl methacrylate	9.46	41	103101	46.652	ug/l	92
49) 1,4-Dioxane	9.46	88	23177	970.757	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	541239	243.866	ug/l	98
52) Toluene	10.40	92	468300	47.337	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	246253	48.589	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	291762	47.643	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	134779	48.683	ug/l	96
56) Ethyl methacrylate	10.66	69	177198	52.404	ug/l	95
57) 1,3-Dichloropropane	10.94	76	234877	48.512	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	396599	242.181	ug/l	98
59) 2-Hexanone	10.98	43	389703	255.313	ug/l	100
60) Dibromochloromethane	11.14	129	185797	49.121	ug/l	98
61) 1,2-Dibromoethane	11.25	107	131241	47.546	ug/l	96
64) Tetrachloroethene	10.88	164	181467	47.840	ug/l	95
65) Chlorobenzene	11.67	112	510042	48.524	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	191969	48.829	ug/l	99
67) Ethyl Benzene	11.74	91	893436	47.846	ug/l	100
68) m/p-Xylenes	11.86	106	671326	94.626	ug/l	98
69) o-Xylene	12.18	106	318168	49.231	ug/l	100
70) Styrene	12.20	104	556019	49.839	ug/l	99
71) Bromoform	12.36	173	110763	49.790	ug/l #	100
73) Isopropylbenzene	12.48	105	869945	47.704	ug/l	99
74) N-amyl acetate	12.29	43	195297	47.725	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	171012	56.485	ug/l	89
76) 1,2,3-Trichloropropane	12.78	75	96424m	43.990	ug/l	
77) Bromobenzene	12.76	156	210509	47.594	ug/l	99
78) n-propylbenzene	12.82	91	1002223	46.876	ug/l	100
79) 2-Chlorotoluene	12.91	91	556259	45.862	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	710279	47.619	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	50502	49.506	ug/l	95
82) 4-Chlorotoluene	13.01	91	582751	45.794	ug/l	99
83) tert-Butylbenzene	13.23	119	612786	48.221	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	705810	47.537	ug/l	99
85) sec-Butylbenzene	13.40	105	852922	47.359	ug/l	99
86) p-Isopropyltoluene	13.52	119	797056	48.387	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	396182	47.868	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	384816	46.605	ug/l	100
89) n-Butylbenzene	13.85	91	739156	47.784	ug/l	100
90) Hexachloroethane	14.11	117	156908	47.236	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	343937	47.545	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	23882	47.174	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	260755	50.577	ug/l	98
94) Hexachlorobutadiene	15.27	225	150860	48.374	ug/l	99
95) Naphthalene	15.41	128	456610	52.808	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	225417	50.690	ug/l	100

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

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