

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061220\
 Data File : VD065796.D
 Acq On : 12 Jun 2020 15:42
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 13 03:23:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	226500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	358914	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	332313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	169679	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	115827	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	
35) Dibromofluoromethane	7.91	113	112038	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
50) Toluene-d8	10.34	98	448524	53.06	ug/l	0.00
Spiked Amount			Recovery	=	106.12%	
62) 4-Bromofluorobenzene	12.64	95	149431	52.12	ug/l	0.00
Spiked Amount			Recovery	=	104.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	62003	39.905	ug/l	96
3) Chloromethane	2.21	50	116319	45.307	ug/l	95
4) Vinyl Chloride	2.35	62	141758	42.421	ug/l	99
5) Bromomethane	2.77	94	102980	44.065	ug/l	100
6) Chloroethane	2.93	64	98186	43.454	ug/l	95
7) Trichlorofluoromethane	3.28	101	165693	43.764	ug/l	95
8) Diethyl Ether	3.71	74	42716	42.913	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.09	101	98049	43.431	ug/l	97
10) Methyl Iodide	4.30	142	98532	44.820	ug/l	98
11) Tert butyl alcohol	5.21	59	28665	224.926	ug/l	98
12) 1,1-Dichloroethene	4.06	96	91014	44.232	ug/l	98
13) Acrolein	3.91	56	24693	196.426	ug/l	97
14) Allyl chloride	4.71	41	154492	45.428	ug/l	98
15) Acrylonitrile	5.42	53	101586	224.697	ug/l	99
16) Acetone	4.16	43	107226	253.980	ug/l	100
17) Carbon Disulfide	4.41	76	290317	42.038	ug/l	99
18) Methyl Acetate	4.71	43	44005	45.914	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	219540	47.105	ug/l	91
20) Methylene Chloride	4.97	84	107423	47.708	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	107076	44.435	ug/l	97
22) Diisopropyl ether	6.36	45	331955	48.309	ug/l	97
23) Vinyl Acetate	6.30	43	953518	245.735	ug/l	99
24) 1,1-Dichloroethane	6.26	63	189680	45.304	ug/l	98
25) 2-Butanone	7.21	43	137027	235.014	ug/l	96
26) 2,2-Dichloropropane	7.20	77	170202	45.847	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	118592	45.751	ug/l	99
28) Bromochloromethane	7.54	49	79254	49.011	ug/l	95
29) Tetrahydrofuran	7.56	42	84047	228.076	ug/l	99
30) Chloroform	7.71	83	199736	46.025	ug/l	100
31) Cyclohexane	7.98	56	175996	43.848	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	184377	46.205	ug/l	99
36) 1,1-Dichloropropene	8.11	75	157384	45.776	ug/l	99
37) Ethyl Acetate	7.29	43	61527	45.433	ug/l	98
38) Carbon Tetrachloride	8.10	117	168386	46.537	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	189224	46.485	ug/l	98
40) Benzene	8.35	78	427542	45.487	ug/l	98
41) Methacrylonitrile	7.52	41	34427	42.694	ug/l #	81
42) 1,2-Dichloroethane	8.42	62	128218	45.211	ug/l	99
43) Isopropyl Acetate	8.45	43	123382	45.817	ug/l	99
44) Trichloroethene	9.11	130	118992	45.491	ug/l	95
45) 1,2-Dichloropropane	9.39	63	107562	45.544	ug/l	96
46) Dibromomethane	9.47	93	58177	45.420	ug/l	97
47) Bromodichloromethane	9.66	83	156132	45.488	ug/l	99
48) Methyl methacrylate	9.46	41	64331	49.352	ug/l	98
49) 1,4-Dioxane	9.46	88	12734	934.033	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	314837	238.591	ug/l	98
52) Toluene	10.40	92	285563	46.758	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	147862	47.573	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	173516	47.269	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	79657	46.544	ug/l	96
56) Ethyl methacrylate	10.66	69	97443	48.406	ug/l	97
57) 1,3-Dichloropropane	10.95	76	139462	47.035	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	263343	281.383	ug/l	99
59) 2-Hexanone	10.98	43	217027	243.950	ug/l	99
60) Dibromochloromethane	11.14	129	109702	47.449	ug/l	99
61) 1,2-Dibromoethane	11.25	107	78587	46.724	ug/l	98
64) Tetrachloroethene	10.88	164	101903	45.348	ug/l	98
65) Chlorobenzene	11.67	112	296268	45.667	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	114170	47.212	ug/l	98
67) Ethyl Benzene	11.74	91	547438	47.236	ug/l	99
68) m/p-Xylenes	11.86	106	429234	96.153	ug/l	99
69) o-Xylene	12.18	106	195083	48.468	ug/l	100
70) Styrene	12.20	104	344301	49.413	ug/l	99
71) Bromoform	12.36	173	63038	47.338	ug/l #	98
73) Isopropylbenzene	12.48	105	535707	47.089	ug/l	100
74) N-amyl acetate	12.29	43	116893	46.185	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	87651	45.621	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	62757m	47.557	ug/l	
77) Bromobenzene	12.77	156	122520	45.518	ug/l	98
78) n-propylbenzene	12.83	91	645608	47.146	ug/l	99
79) 2-Chlorotoluene	12.91	91	355079	47.267	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	455674	48.133	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	28793	47.143	ug/l	97
82) 4-Chlorotoluene	13.01	91	382817	47.476	ug/l	100
83) tert-Butylbenzene	13.23	119	393750	47.934	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	454229	47.936	ug/l	100
85) sec-Butylbenzene	13.41	105	544512	47.631	ug/l	99
86) p-Isopropyltoluene	13.52	119	507413	48.427	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	245865	46.326	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	242918	46.013	ug/l	99
89) n-Butylbenzene	13.85	91	481093	48.142	ug/l	98
90) Hexachloroethane	14.12	117	100957	48.137	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	211491	46.303	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	14051	43.944	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	151278	48.712	ug/l	97
94) Hexachlorobutadiene	15.28	225	86002	45.810	ug/l	98
95) Naphthalene	15.41	128	248195	47.181	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	124535	46.560	ug/l	99

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

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