

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031219\
 Data File : VD061018.D
 Acq On : 12 Mar 2019 11:25
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 13 04:05:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	751693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1201734	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1000642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	463673	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	280173	44.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.56%	
35) Dibromofluoromethane	6.92	113	453014	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
50) Toluene-d8	10.41	98	1084411	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
62) 4-Bromofluorobenzene	13.56	95	416429	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.59	85	359031	48.218	ug/l	99
3) Chloromethane	1.77	50	291476	46.991	ug/l	99
4) Vinyl Chloride	1.86	62	275852	48.129	ug/l	100
5) Bromomethane	2.16	94	63136	66.482	ug/l	92
6) Chloroethane	2.28	64	96894	56.480	ug/l	90
7) Trichlorofluoromethane	2.54	101	412079	50.048	ug/l	97
8) Diethyl Ether	2.88	74	144340	53.140	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.16	101	469037	50.953	ug/l	98
10) Methyl Iodide	3.32	142	616894	48.741	ug/l	99
11) Tert butyl alcohol	4.06	59	108545	272.499	ug/l	99
12) 1,1-Dichloroethene	3.14	96	389734	51.651	ug/l	93
13) Acrolein	3.04	56	151252	262.431	ug/l	89
14) Allyl chloride	3.64	41	579709	48.018	ug/l	97
15) Acrylonitrile	4.20	53	352708	250.533	ug/l	96
16) Acetone	3.22	43	495990	277.207	ug/l	100
17) Carbon Disulfide	3.39	76	1293485	50.818	ug/l	100
18) Methyl Acetate	3.65	43	175697	49.897	ug/l	92
19) Methyl tert-butyl Ether	4.25	73	679280	51.369	ug/l	95
20) Methylene Chloride	3.82	84	386073	47.048	ug/l	96
21) trans-1,2-Dichloroethene	4.23	96	407066	49.843	ug/l	97
22) Diisopropyl ether	5.13	45	1209296	48.253	ug/l	97
23) Vinyl Acetate	5.06	43	3253129	252.860	ug/l	99
24) 1,1-Dichloroethane	4.99	63	691904	50.389	ug/l	100
25) 2-Butanone	6.07	43	552458	272.108	ug/l	100
26) 2,2-Dichloropropane	6.03	77	567359	52.928	ug/l	99
27) cis-1,2-Dichloroethene	6.05	96	463517	53.493	ug/l	96
28) Bromochloromethane	6.44	49	285972	49.194	ug/l	95
29) Tetrahydrofuran	6.46	42	255848	232.073	ug/l	97
30) Chloroform	6.67	83	692678	48.672	ug/l	99
31) Cyclohexane	6.96	56	569316	51.420	ug/l	98
32) 1,1,1-Trichloroethane	6.87	97	607529	49.378	ug/l	98
36) 1,1-Dichloropropene	7.15	75	555871	53.662	ug/l	98
37) Ethyl Acetate	6.19	43	248431	51.107	ug/l	98
38) Carbon Tetrachloride	7.12	117	671631	58.861	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	579147	53.918	ug/l	96
40) Benzene	7.46	78	1301806	50.294	ug/l	99
41) Methacrylonitrile	6.45	41	283638	50.729	ug/l	94
42) 1,2-Dichloroethane	7.58	62	411546	54.789	ug/l	99
43) Isopropyl Acetate	9.24	43	358102	53.189	ug/l	98
44) Trichloroethene	8.55	130	488395	54.693	ug/l	99
45) 1,2-Dichloropropane	8.94	63	344109	50.602	ug/l	98
46) Dibromomethane	9.07	93	231964	53.775	ug/l	99
47) Bromodichloromethane	9.37	83	526393	54.078	ug/l	99
48) Methyl methacrylate	9.12	41	203350	53.644	ug/l	99
49) 1,4-Dioxane	9.08	88	42989	1121.515	ug/l	96
51) 4-Methyl-2-Pentanone	10.30	43	1051342	254.895	ug/l	98
52) Toluene	10.51	92	801058	49.769	ug/l	99
53) t-1,3-Dichloropropene	10.92	75	475601	53.434	ug/l	98
54) cis-1,3-Dichloropropene	10.04	75	575470	53.810	ug/l	96
55) 1,1,2-Trichloroethane	11.20	97	269201	50.222	ug/l	98
56) Ethyl methacrylate	11.05	69	297691	53.059	ug/l	96
57) 1,3-Dichloropropane	11.41	76	443422	55.357	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.86	63	766130	257.973	ug/l	100
59) 2-Hexanone	11.53	43	772455	256.023	ug/l	99
60) Dibromochloromethane	11.69	129	398214	50.479	ug/l	98
61) 1,2-Dibromoethane	11.81	107	305962	49.068	ug/l	98
64) Tetrachloroethene	11.26	164	368911	54.615	ug/l	97
65) Chlorobenzene	12.40	112	1011786	51.577	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	368243	52.663	ug/l	99
67) Ethyl Benzene	12.53	91	1406032	48.144	ug/l	100
68) m/p-Xylenes	12.67	106	1130348	98.612	ug/l	100
69) o-Xylene	13.05	106	531369	47.160	ug/l	96
70) Styrene	13.08	104	853248	46.376	ug/l	98
71) Bromoform	13.23	173	236209	52.364	ug/l #	97
73) Isopropylbenzene	13.40	105	1511311	45.227	ug/l	98
74) N-amyl acetate	13.26	43	416945	44.313	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.71	83	305503	46.859	ug/l	96
76) 1,2,3-Trichloropropane	13.74	75	319529	47.900	ug/l	100
77) Bromobenzene	13.68	156	418577	49.071	ug/l	92
78) n-propylbenzene	13.78	91	1812928	46.343	ug/l	98
79) 2-Chlorotoluene	13.84	91	972641	45.161	ug/l	96
80) 1,3,5-Trimethylbenzene	14.24	105	1173827	46.272	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.48	75	104889	53.333	ug/l	92
82) 4-Chlorotoluene	13.95	91	1139652	44.761	ug/l	97
83) tert-Butylbenzene	14.19	119	1461107	52.629	ug/l	93
84) 1,2,4-Trimethylbenzene	14.24	105	1173827	46.272	ug/l	98
85) sec-Butylbenzene	14.37	105	1731708	51.094	ug/l	95
86) p-Isopropyltoluene	14.49	119	1297894	46.849	ug/l	99
87) 1,3-Dichlorobenzene	14.45	146	786639	51.645	ug/l	95
88) 1,4-Dichlorobenzene	14.54	146	727889	48.630	ug/l	99
89) n-Butylbenzene	14.80	91	1163299	43.726	ug/l	97
90) Hexachloroethane	15.01	117	391436	50.038	ug/l	73
91) 1,2-Dichlorobenzene	14.81	146	582612	45.882	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	40074	51.008	ug/l	73

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	280154	47.559	ug/l	98
94) Hexachlorobutadiene	16.04	225	202915	45.542	ug/l	100
95) Naphthalene	16.13	128	455745	50.912	ug/l	100
96) 1,2,3-Trichlorobenzene	16.28	180	124069	42.644	ug/l	99

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

