

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041219\
 Data File : VD061771.D
 Acq On : 12 Apr 2019 11:33
 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: Apr 12 11:57:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	681661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1015941	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	867796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	403692	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	249140	48.22	ug/l	0.00
Spiked Amount			Recovery	=	96.44%	
35) Dibromofluoromethane	6.92	113	383702	54.52	ug/l	0.00
Spiked Amount			Recovery	=	109.04%	
50) Toluene-d8	10.41	98	816658	46.18	ug/l	0.00
Spiked Amount			Recovery	=	92.36%	
62) 4-Bromofluorobenzene	13.55	95	334537	54.95	ug/l	0.00
Spiked Amount			Recovery	=	109.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	346046	47.055	ug/l	98
3) Chloromethane	1.76	50	280717	47.237	ug/l	100
4) Vinyl Chloride	1.86	62	270589	48.728	ug/l	96
5) Bromomethane	2.16	94	66548	51.776	ug/l	98
6) Chloroethane	2.27	64	106492	61.227	ug/l	96
7) Trichlorofluoromethane	2.54	101	399681	47.669	ug/l	98
8) Diethyl Ether	2.87	74	107769	45.799	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.16	101	409650	49.696	ug/l	97
10) Methyl Iodide	3.31	142	628242	51.026	ug/l	96
11) Tert butyl alcohol	4.06	59	87896	253.827	ug/l #	90
12) 1,1-Dichloroethene	3.13	96	345676	48.644	ug/l	95
13) Acrolein	3.03	56	107949	255.686	ug/l	95
14) Allyl chloride	3.62	41	485778	50.120	ug/l	96
15) Acrylonitrile	4.19	53	275485	231.107	ug/l	97
16) Acetone	3.22	43	421706	273.024	ug/l	100
17) Carbon Disulfide	3.38	76	1091299	47.262	ug/l	100
18) Methyl Acetate	3.63	43	147952	50.912	ug/l	97
19) Methyl tert-butyl Ether	4.23	73	595015	48.358	ug/l	100
20) Methylene Chloride	3.81	84	387522	44.214	ug/l	94
21) trans-1,2-Dichloroethene	4.21	96	362295	46.941	ug/l	97
22) Diisopropyl ether	5.11	45	1046254	51.487	ug/l	94
23) Vinyl Acetate	5.05	43	2861234	255.178	ug/l	99
24) 1,1-Dichloroethane	4.98	63	617869	49.618	ug/l	98
25) 2-Butanone	6.06	43	461921	259.414	ug/l	99
26) 2,2-Dichloropropane	6.02	77	563324	55.557	ug/l	100
27) cis-1,2-Dichloroethene	6.03	96	429527	52.166	ug/l	96
28) Bromochloromethane	6.43	49	232256	50.561	ug/l	94
29) Tetrahydrofuran	6.45	42	209359	243.562	ug/l	99
30) Chloroform	6.66	83	667800	51.192	ug/l	100
31) Cyclohexane	6.95	56	508199	52.240	ug/l	98
32) 1,1,1-Trichloroethane	6.87	97	610302	53.387	ug/l	99
36) 1,1-Dichloropropene	7.14	75	505290	56.829	ug/l	97
37) Ethyl Acetate	6.17	43	207776	57.372	ug/l	96
38) Carbon Tetrachloride	7.11	117	649554	62.333	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	514539	56.367	ug/l	99
40) Benzene	7.45	78	1210453	56.431	ug/l	99
41) Methacrylonitrile	6.44	41	239094	56.554	ug/l	97
42) 1,2-Dichloroethane	7.57	62	399848	59.273	ug/l	100
43) Isopropyl Acetate	9.23	43	277318	52.762	ug/l #	97
44) Trichloroethene	8.54	130	466851	56.771	ug/l	94
45) 1,2-Dichloropropane	8.94	63	292581	55.001	ug/l	99
46) Dibromomethane	9.06	93	214917	56.529	ug/l	97
47) Bromodichloromethane	9.37	83	470936	56.400	ug/l	99
48) Methyl methacrylate	9.12	41	164851	54.411	ug/l	95
49) 1,4-Dioxane	9.08	88	37093	1109.182	ug/l #	81
51) 4-Methyl-2-Pentanone	10.30	43	945628	304.222	ug/l	99
52) Toluene	10.50	92	746473	55.730	ug/l	100
53) t-1,3-Dichloropropene	10.91	75	435167	59.454	ug/l	100
54) cis-1,3-Dichloropropene	10.03	75	514057	56.973	ug/l	97
55) 1,1,2-Trichloroethane	11.18	97	250034	55.347	ug/l	96
56) Ethyl methacrylate	11.04	69	283344	59.455	ug/l	98
57) 1,3-Dichloropropane	11.40	76	395440	59.772	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.85	63	643427	286.136	ug/l	99
59) 2-Hexanone	11.53	43	697528	289.151	ug/l	98
60) Dibromochloromethane	11.68	129	416225	58.317	ug/l	97
61) 1,2-Dibromoethane	11.80	107	319891	60.549	ug/l	93
64) Tetrachloroethene	11.25	164	335464	49.801	ug/l	98
65) Chlorobenzene	12.39	112	878008	51.019	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.51	131	375916	56.766	ug/l	95
67) Ethyl Benzene	12.52	91	1453674	55.470	ug/l	99
68) m/p-Xylenes	12.66	106	1040078	102.946	ug/l	92
69) o-Xylene	13.04	106	502787	51.554	ug/l	99
70) Styrene	13.06	104	872353	52.377	ug/l	97
71) Bromoform	13.23	173	225046	54.771	ug/l	98
73) Isopropylbenzene	13.40	105	1404283	52.207	ug/l	98
74) N-amyl acetate	13.26	43	389128	53.244	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.69	83	284931	51.231	ug/l	99
76) 1,2,3-Trichloropropane	13.73	75	271103	49.361	ug/l	98
77) Bromobenzene	13.66	156	394271	50.498	ug/l	90
78) n-propylbenzene	13.77	91	1684592	52.356	ug/l	96
79) 2-Chlorotoluene	13.83	91	995065	54.080	ug/l	91
80) 1,3,5-Trimethylbenzene	13.93	105	1082087	50.684	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.47	75	93549	56.130	ug/l	92
82) 4-Chlorotoluene	13.94	91	1082557	53.692	ug/l	90
83) tert-Butylbenzene	14.19	119	1306194	50.743	ug/l	97
84) 1,2,4-Trimethylbenzene	14.24	105	1161208	53.891	ug/l	98
85) sec-Butylbenzene	14.36	105	1388217	49.915	ug/l	97
86) p-Isopropyltoluene	14.49	119	1222784	50.682	ug/l	99
87) 1,3-Dichlorobenzene	14.45	146	711827	52.975	ug/l	98
88) 1,4-Dichlorobenzene	14.53	146	703633	51.899	ug/l	96
89) n-Butylbenzene	14.80	91	1067160	50.889	ug/l	98
90) Hexachloroethane	15.00	117	350927	53.606	ug/l	88
91) 1,2-Dichlorobenzene	14.81	146	506186	45.708	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.38	75	36140	53.847	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	264115	46.811	ug/l	97
94) Hexachlorobutadiene	16.04	225	208269	47.805	ug/l	97
95) Naphthalene	16.12	128	418148	46.839	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	121895	43.289	ug/l	96

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

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