

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112918\
 Data File : VD060458.D
 Acq On : 29 Nov 2018 10:18
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 30 04:51:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.43	168	1526359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	2124243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1661824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	833950	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.80	65	522375	47.80	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.60%	
35) Dibromofluoromethane	6.35	113	779702	49.22	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	98.44%	
50) Toluene-d8	9.47	98	2241062	48.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.68%	
62) 4-Bromofluorobenzene	12.43	95	795391	47.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.62	85	563090	46.733	ug/l	97
3) Chloromethane	1.79	50	638483	44.161	ug/l	100
4) Vinyl Chloride	1.88	62	572219	48.462	ug/l	100
5) Bromomethane	2.19	94	137021	48.913	ug/l	100
6) Chloroethane	2.29	64	181673	46.371	ug/l	99
7) Trichlorofluoromethane	2.54	101	676770	48.615	ug/l	99
8) Diethyl Ether	2.86	74	122210	48.489	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.12	101	462209	50.481	ug/l	97
10) Methyl Iodide	3.28	142	531287	44.676	ug/l	95
11) Tert butyl alcohol	4.00	59	125398	279.418	ug/l #	94
12) 1,1-Dichloroethene	3.11	96	363316	48.782	ug/l	96
13) Acrolein	3.01	56	85381	161.009	ug/l	96
14) Allyl chloride	3.57	41	750510	52.666	ug/l	98
15) Acrylonitrile	4.12	53	664447	253.890	ug/l	100
16) Acetone	3.19	43	531298	280.258	ug/l	100
17) Carbon Disulfide	3.35	76	1059611	44.078	ug/l	99
18) Methyl Acetate	3.58	43	220578	54.569	ug/l	99
19) Methyl tert-butyl Ether	4.15	73	1144437	51.318	ug/l	100
20) Methylene Chloride	3.75	84	799436	47.538	ug/l	98
21) trans-1,2-Dichloroethene	4.13	96	850620	51.439	ug/l	98
22) Diisopropyl ether	4.88	45	2730093	51.279	ug/l	94
23) Vinyl Acetate	4.83	43	6634792	250.453	ug/l	98
24) 1,1-Dichloroethane	4.78	63	1419539	51.996	ug/l	99
25) 2-Butanone	5.64	43	1004555	254.935	ug/l	99
26) 2,2-Dichloropropane	5.61	77	1158726	54.591	ug/l	99
27) cis-1,2-Dichloroethene	5.62	96	903126	52.424	ug/l	98
28) Bromochloromethane	5.95	49	578743	48.044	ug/l	99
29) Tetrahydrofuran	5.98	42	500180	240.760	ug/l	99
30) Chloroform	6.12	83	1443995	52.907	ug/l	99
31) Cyclohexane	6.39	56	1221358	46.806	ug/l	98
32) 1,1,1-Trichloroethane	6.32	97	1236678	53.792	ug/l	98
36) 1,1-Dichloropropene	6.55	75	1078492	51.390	ug/l	98
37) Ethyl Acetate	5.72	43	479652	49.668	ug/l	96
38) Carbon Tetrachloride	6.53	117	1004120	51.578	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.06	83	1216199	50.385	ug/l	96
40) Benzene	6.81	78	2776096	51.821	ug/l	100
41) Methacrylonitrile	5.98	41	537137	48.596	ug/l #	95
42) 1,2-Dichloroethane	6.91	62	706621	50.394	ug/l	98
43) Isopropyl Acetate	8.37	43	603044	49.713	ug/l #	95
44) Trichloroethene	7.76	130	849957	52.340	ug/l	96
45) 1,2-Dichloropropane	8.12	63	711617	52.671	ug/l	96
46) Dibromomethane	8.23	93	399905	50.538	ug/l	96
47) Bromodichloromethane	8.50	83	986050	52.881	ug/l	98
48) Methyl methacrylate	8.26	41	371021	50.353	ug/l	98
49) 1,4-Dioxane	8.25	88	64799	1016.395	ug/l	93
51) 4-Methyl-2-Pentanone	9.35	43	1932441	244.756	ug/l	98
52) Toluene	9.57	92	1799146	52.576	ug/l	99
53) t-1,3-Dichloropropene	9.93	75	820319	52.067	ug/l	98
54) cis-1,3-Dichloropropene	9.11	75	1056429	52.279	ug/l	99
55) 1,1,2-Trichloroethane	10.20	97	497146	50.124	ug/l	97
56) Ethyl methacrylate	10.04	69	469739	51.510	ug/l	98
57) 1,3-Dichloropropane	10.39	76	755944	50.019	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.94	63	2530831	458.984	ug/l	98
59) 2-Hexanone	10.50	43	1468219	260.909	ug/l	97
60) Dibromochloromethane	10.65	129	641838	53.236	ug/l	100
61) 1,2-Dibromoethane	10.77	107	499778	50.292	ug/l	100
64) Tetrachloroethene	10.27	164	750251	50.570	ug/l	97
65) Chlorobenzene	11.32	112	1899350	52.749	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.43	131	614172	52.132	ug/l	97
67) Ethyl Benzene	11.44	91	3122959	50.701	ug/l	100
68) m/p-Xylenes	11.57	106	2375011	104.527	ug/l	99
69) o-Xylene	11.94	106	1129148	51.439	ug/l	96
70) Styrene	11.97	104	1828107	51.532	ug/l	99
71) Bromoform	12.13	173	412829	52.147	ug/l	99
73) Isopropylbenzene	12.28	105	3163455	52.065	ug/l	99
74) N-amyl acetate	12.15	43	786122	50.466	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.57	83	492778	49.591	ug/l	98
76) 1,2,3-Trichloropropane	12.61	75	503302	50.451	ug/l	98
77) Bromobenzene	12.55	156	801884	49.685	ug/l	97
78) n-propylbenzene	12.65	91	3913364	51.601	ug/l	98
79) 2-Chlorotoluene	12.72	91	2147628	51.705	ug/l	99
80) 1,3,5-Trimethylbenzene	12.80	105	2406528	50.965	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.35	75	147470	51.923	ug/l	99
82) 4-Chlorotoluene	12.81	91	2372053	50.838	ug/l	97
83) tert-Butylbenzene	13.05	119	2795472	53.325	ug/l	93
84) 1,2,4-Trimethylbenzene	13.10	105	2466359	52.300	ug/l	100
85) sec-Butylbenzene	13.23	105	3338836	51.912	ug/l	99
86) p-Isopropyltoluene	13.35	119	2750363	53.101	ug/l	95
87) 1,3-Dichlorobenzene	13.32	146	1474627	51.356	ug/l	99
88) 1,4-Dichlorobenzene	13.40	146	1438989	51.313	ug/l	95
89) n-Butylbenzene	13.65	91	2706154	54.581	ug/l	97
90) Hexachloroethane	13.87	117	709910	57.802	ug/l	91
91) 1,2-Dichlorobenzene	13.67	146	1162033	49.270	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.23	75	63119	52.621	ug/l	74

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93) 1,2,4-Trichlorobenzene	14.79	180	956393	51.145	ug/l	97
94) Hexachlorobutadiene	14.88	225	715031	51.122	ug/l	97
95) Naphthalene	14.97	128	1179412	51.652	ug/l	99
96) 1,2,3-Trichlorobenzene	15.12	180	751744	50.168	ug/l	97

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

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