

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111218\
 Data File : VD060329.D
 Acq On : 12 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 13 00:38:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1827642	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	2537911	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	2002701	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	1006230	50.00	ug/l	-0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.78	65	617221	47.17	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	94.34%	
35) Dibromofluoromethane	6.32	113	929325	49.11	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	9.44	98	2724877	49.20	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	98.40%	
62) 4-Bromofluorobenzene	12.42	95	969328	48.30	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	96.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.61	85	797769	56.219	ug/l	98
3) Chloromethane	1.78	50	849594	49.075	ug/l	100
4) Vinyl Chloride	1.88	62	748383	52.934	ug/l	97
5) Bromomethane	2.17	94	205899	61.384	ug/l	99
6) Chloroethane	2.28	64	245050	52.237	ug/l	99
7) Trichlorofluoromethane	2.53	101	956202	57.365	ug/l	97
8) Diethyl Ether	2.84	74	152229	50.442	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.11	101	610599	55.695	ug/l	98
10) Methyl Iodide	3.26	142	739946	51.965	ug/l	99
11) Tert butyl alcohol	3.96	59	135359	251.893	ug/l	94
12) 1,1-Dichloroethene	3.09	96	501531	56.240	ug/l	92
13) Acrolein	3.00	56	153853	242.304	ug/l	98
14) Allyl chloride	3.55	41	924478	54.180	ug/l	100
15) Acrylonitrile	4.09	53	797006	254.339	ug/l	97
16) Acetone	3.17	43	677971	298.673	ug/l	100
17) Carbon Disulfide	3.33	76	1538175	53.438	ug/l	99
18) Methyl Acetate	3.57	43	256644	53.025	ug/l	98
19) Methyl tert-butyl Ether	4.13	73	1359227	50.902	ug/l	99
20) Methylene Chloride	3.73	84	1088970	54.080	ug/l	99
21) trans-1,2-Dichloroethene	4.11	96	1071283	54.104	ug/l	98
22) Diisopropyl ether	4.86	45	3385383	53.105	ug/l	95
23) Vinyl Acetate	4.81	43	8279479	261.016	ug/l	100
24) 1,1-Dichloroethane	4.76	63	1759483	53.823	ug/l	99
25) 2-Butanone	5.62	43	1259086	266.856	ug/l	98
26) 2,2-Dichloropropane	5.59	77	1454684	57.237	ug/l	99
27) cis-1,2-Dichloroethene	5.60	96	1094330	53.051	ug/l	99
28) Bromochloromethane	5.92	49	765464	53.069	ug/l	95
29) Tetrahydrofuran	5.95	42	606034	243.624	ug/l	98
30) Chloroform	6.10	83	1793922	54.893	ug/l	100
31) Cyclohexane	6.36	56	1603712	51.328	ug/l	97
32) 1,1,1-Trichloroethane	6.29	97	1509603	54.839	ug/l	99
36) 1,1-Dichloropropene	6.52	75	1395712	55.665	ug/l	99
37) Ethyl Acetate	5.70	43	570900	49.481	ug/l	98
38) Carbon Tetrachloride	6.49	117	1266545	54.454	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.03	83	1534357	53.205	ug/l	99
40) Benzene	6.79	78	3475200	54.298	ug/l	99
41) Methacrylonitrile	5.94	41	659375	49.932	ug/l	99
42) 1,2-Dichloroethane	6.89	62	879920	52.525	ug/l	96
43) Isopropyl Acetate	8.33	43	745509	51.440	ug/l	98
44) Trichloroethene	7.73	130	1078142	55.570	ug/l	98
45) 1,2-Dichloropropane	8.10	63	882318	54.661	ug/l	96
46) Dibromomethane	8.20	93	497705	52.646	ug/l	99
47) Bromodichloromethane	8.48	83	1232315	55.316	ug/l	98
48) Methyl methacrylate	8.23	41	455491	51.741	ug/l	98
49) 1,4-Dioxane	8.21	88	76339	1002.233	ug/l	90
51) 4-Methyl-2-Pentanone	9.33	43	2316370	245.563	ug/l	99
52) Toluene	9.53	92	2214021	54.154	ug/l	99
53) t-1,3-Dichloropropene	9.91	75	1015273	53.938	ug/l	98
54) cis-1,3-Dichloropropene	9.09	75	1340965	55.544	ug/l	98
55) 1,1,2-Trichloroethane	10.17	97	583454	49.238	ug/l	98
56) Ethyl methacrylate	10.02	69	587325	53.907	ug/l	98
57) 1,3-Dichloropropane	10.37	76	971003	53.777	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.91	63	1696298	257.492	ug/l	100
59) 2-Hexanone	10.48	43	1883724	280.184	ug/l	98
60) Dibromochloromethane	10.63	129	795233	55.208	ug/l	97
61) 1,2-Dibromoethane	10.74	107	615714	51.859	ug/l	98
64) Tetrachloroethene	10.24	164	966571	54.062	ug/l	97
65) Chlorobenzene	11.30	112	2311193	53.262	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.40	131	758977	53.458	ug/l	97
67) Ethyl Benzene	11.41	91	3868628	52.117	ug/l	99
68) m/p-Xylenes	11.55	106	2848313	104.021	ug/l	99
69) o-Xylene	11.92	106	1390710	52.572	ug/l	97
70) Styrene	11.94	104	2278337	53.292	ug/l	98
71) Bromoform	12.10	173	512478	53.716	ug/l	99
73) Isopropylbenzene	12.27	105	3882911	52.965	ug/l	98
74) N-amyl acetate	12.12	43	967263	51.463	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.55	83	623031	51.964	ug/l	98
76) 1,2,3-Trichloropropane	12.58	75	620866	51.580	ug/l	100
77) Bromobenzene	12.53	156	1029946	52.890	ug/l	90
78) n-propylbenzene	12.62	91	4699563	51.358	ug/l	97
79) 2-Chlorotoluene	12.69	91	2662580	53.127	ug/l	95
80) 1,3,5-Trimethylbenzene	12.78	105	2926289	51.362	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.33	75	190341	55.544	ug/l	96
82) 4-Chlorotoluene	12.80	91	2935465	52.142	ug/l	93
83) tert-Butylbenzene	13.04	119	3355113	53.042	ug/l	95
84) 1,2,4-Trimethylbenzene	13.09	105	3010619	52.911	ug/l	97
85) sec-Butylbenzene	13.21	105	4127686	53.189	ug/l	95
86) p-Isopropyltoluene	13.33	119	3173934	50.787	ug/l	97
87) 1,3-Dichlorobenzene	13.30	146	1754016	50.627	ug/l	98
88) 1,4-Dichlorobenzene	13.38	146	1776342	52.498	ug/l	97
89) n-Butylbenzene	13.64	91	3285227	54.998	ug/l	98
90) Hexachloroethane	13.84	117	843562	56.925	ug/l	85
91) 1,2-Dichlorobenzene	13.65	146	1436141	50.466	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.22	75	80444	55.583	ug/l	79

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93) 1,2,4-Trichlorobenzene	14.78	180	1182540	52.411	ug/l	98
94) Hexachlorobutadiene	14.87	225	869851	51.543	ug/l	99
95) Naphthalene	14.96	128	1339025	48.602	ug/l	100
96) 1,2,3-Trichlorobenzene	15.10	180	871072	48.178	ug/l	97

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

