

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062118\
 Data File : VD058247.D
 Acq On : 21 Jun 2018 12:20
 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: Jun 22 06:13:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	925549	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.70	114	1139275	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	980379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	500094	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	504186	53.93	ug/l	0.02
Spiked Amount	50.000		Recovery	=	107.86%	
35) Dibromofluoromethane	5.56	113	513156	55.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.68%	
50) Toluene-d8	8.72	98	1297689	57.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.70%	
62) 4-Bromofluorobenzene	11.94	95	503469	54.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.34	85	460520	53.51	ug/l	98
3) Chloromethane	1.49	50	231253	57.95	ug/l	98
4) Vinyl Chloride	1.56	62	238427	49.18	ug/l	98
5) Bromomethane	1.80	94	93229	59.26	ug/l	97
6) Chloroethane	1.89	64	114040	67.78	ug/l	95
7) Trichlorofluoromethane	2.09	101	377938	56.85	ug/l	95
8) Diethyl Ether	2.35	74	72005	51.21	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.56	101	225359	53.32	ug/l	91
10) Methyl Iodide	2.69	142	255331	53.11	ug/l	98
11) Tert butyl alcohol	3.26	59	76949	249.56	ug/l	96
12) 1,1-Dichloroethene	2.56	96	172061	54.11	ug/l	98
13) Acrolein	2.48	56	28493	161.88	ug/l	96
14) Allyl chloride	2.93	41	395940	53.50	ug/l	94
15) Acrylonitrile	3.36	53	232153	283.95	ug/l	93
16) Acetone	2.61	43	367085	287.12	ug/l	95
17) Carbon Disulfide	2.76	76	499791	46.20	ug/l	98
18) Methyl Acetate	2.94	43	122672	44.99	ug/l	98
19) Methyl tert-butyl Ether	3.41	73	698363	82.80	ug/l	100
20) Methylene Chloride	3.08	84	183574	55.53	ug/l	94
21) trans-1,2-Dichloroethene	3.41	96	257438	74.08	ug/l	82
22) Diisopropyl ether	4.08	45	1433567	48.77	ug/l	99
23) Vinyl Acetate	4.03	43	4004120	254.12	ug/l	99
24) 1,1-Dichloroethane	3.98	63	810421	51.18	ug/l	99
25) 2-Butanone	4.85	43	686311	246.29	ug/l	100
26) 2,2-Dichloropropane	4.81	77	712287	53.72	ug/l	100
27) cis-1,2-Dichloroethene	4.81	96	444872	51.23	ug/l	99
28) Bromochloromethane	5.15	49	372048	52.41	ug/l	# 92
29) Tetrahydrofuran	5.19	42	345614	233.02	ug/l	98
30) Chloroform	5.33	83	871032	52.10	ug/l	95
31) Cyclohexane	5.61	56	612626	53.67	ug/l	96
32) 1,1,1-Trichloroethane	5.52	97	711646	51.52	ug/l	95
36) 1,1-Dichloropropene	5.75	75	600616	53.29	ug/l	96
37) Ethyl Acetate	4.94	43	331317	51.60	ug/l	98
38) Carbon Tetrachloride	5.74	117	614452	54.87	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.29	83	593928	54.10	ug/l	98
40) Benzene	6.02	78	1448755	53.96	ug/l	100
41) Methacrylonitrile	5.13	41	162730	52.48	ug/l	97
42) 1,2-Dichloroethane	6.14	62	564407	52.14	ug/l	99
43) Isopropyl Acetate	7.63	43	427672	49.96	ug/l	99
44) Trichloroethene	6.99	130	435437	54.01	ug/l	96
45) 1,2-Dichloropropane	7.36	63	395228	54.66	ug/l	95
46) Dibromomethane	7.47	93	256081	51.88	ug/l	93
47) Bromodichloromethane	7.75	83	611712	54.35	ug/l	97
48) Methyl methacrylate	7.52	41	248492	47.76	ug/l	99
49) 1,4-Dioxane	7.50	88	49173	1046.94	ug/l	90
51) 4-Methyl-2-Pentanone	8.61	43	1402485	251.15	ug/l	98
52) Toluene	8.82	92	795091	52.01	ug/l	98
53) t-1,3-Dichloropropene	9.20	75	533564	54.52	ug/l	96
54) cis-1,3-Dichloropropene	8.37	75	645689	56.28	ug/l	97
55) 1,1,2-Trichloroethane	9.47	97	283080	52.34	ug/l	98
56) Ethyl methacrylate	9.32	69	337645	52.20	ug/l	97
57) 1,3-Dichloropropane	9.67	76	480723	52.77	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.20	63	861346	268.99	ug/l	100
59) 2-Hexanone	9.79	43	1075859	266.63	ug/l	100
60) Dibromochloromethane	9.97	129	405515	55.25	ug/l	98
61) 1,2-Dibromoethane	10.11	107	309724	52.32	ug/l	99
64) Tetrachloroethene	9.53	164	408135	49.48	ug/l	98
65) Chlorobenzene	10.73	112	925905	50.49	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.85	131	362392	51.21	ug/l	99
67) Ethyl Benzene	10.86	91	1610011	49.73	ug/l	99
68) m/p-Xylenes	11.02	106	1052918	97.52	ug/l	96
69) o-Xylene	11.42	106	514047	49.85	ug/l	99
70) Styrene	11.44	104	856052	48.65	ug/l	95
71) Bromoform	11.60	173	287530	50.93	ug/l	98
73) Isopropylbenzene	11.78	105	1512894	50.58	ug/l	99
74) N-amyl acetate	11.65	43	563479	48.72	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.08	83	339508	48.77	ug/l	100
76) 1,2,3-Trichloropropane	12.11	75	337282	46.19	ug/l	99
77) Bromobenzene	12.05	156	460192	51.38	ug/l	85
78) n-propylbenzene	12.16	91	1952435	50.54	ug/l	100
79) 2-Chlorotoluene	12.22	91	1120143	50.67	ug/l	99
80) 1,3,5-Trimethylbenzene	12.32	105	1178461	50.51	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.85	75	94258	52.93	ug/l	92
82) 4-Chlorotoluene	12.33	91	1250918	59.05	ug/l	93
83) tert-Butylbenzene	12.58	119	1311816	48.90	ug/l	92
84) 1,2,4-Trimethylbenzene	12.64	105	1213156	47.83	ug/l	97
85) sec-Butylbenzene	12.76	105	1606600	51.10	ug/l	96
86) p-Isopropyltoluene	12.89	119	1283411	50.37	ug/l	98
87) 1,3-Dichlorobenzene	12.84	146	761360	48.90	ug/l	97
88) 1,4-Dichlorobenzene	12.93	146	731367	48.11	ug/l	97
89) n-Butylbenzene	13.20	91	1341357	50.09	ug/l	98
90) Hexachloroethane	13.40	117	355357	53.73	ug/l	77
91) 1,2-Dichlorobenzene	13.20	146	624319	47.12	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.78	75	53467	48.26	ug/l	76

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93) 1,2,4-Trichlorobenzene	14.35	180	622786	49.15	ug/l	96
94) Hexachlorobutadiene	14.44	225	480135	48.44	ug/l	98
95) Naphthalene	14.52	128	802082	48.05	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	536566	48.37	ug/l	97

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

