

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111318\
 Data File : VD060356.D
 Acq On : 13 Nov 2018 13:09
 Operator : JC/SY
 Sample : VD1113SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 14 11:10:11 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	6.42	168	1577871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	2152520	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1734934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	904149	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.80	65	596724	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
35) Dibromofluoromethane	6.33	113	860341	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
50) Toluene-d8	9.47	98	2496597	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.44	95	905139	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.60	85	311881	22.698	ug/l	98
3) Chloromethane	1.77	50	306049	20.477	ug/l	95
4) Vinyl Chloride	1.87	62	255572	20.938	ug/l	99
5) Bromomethane	2.16	94	46492	16.055	ug/l	95
6) Chloroethane	2.27	64	71891	17.751	ug/l	96
7) Trichlorofluoromethane	2.52	101	300917	20.911	ug/l	99
8) Diethyl Ether	2.84	74	56057	21.515	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.10	101	200726	21.207	ug/l	99
10) Methyl Iodide	3.25	142	242760	19.747	ug/l	95
11) Tert butyl alcohol	3.99	59	42469	91.542	ug/l	94
12) 1,1-Dichloroethene	3.09	96	160515	20.849	ug/l	92
13) Acrolein	3.00	56	48245	88.009	ug/l	100
14) Allyl chloride	3.55	41	301149	20.443	ug/l	99
15) Acrylonitrile	4.10	53	279473	103.303	ug/l	98
16) Acetone	3.18	43	205084	104.649	ug/l	97
17) Carbon Disulfide	3.32	76	501824	20.194	ug/l	99
18) Methyl Acetate	3.57	43	77449	18.535	ug/l	97
19) Methyl tert-butyl Ether	4.14	73	478317	20.748	ug/l	99
20) Methylene Chloride	3.74	84	408561	23.502	ug/l	99
21) trans-1,2-Dichloroethene	4.11	96	350908	20.527	ug/l	98
22) Diisopropyl ether	4.87	45	1153146	20.952	ug/l	94
23) Vinyl Acetate	4.82	43	2874547	104.967	ug/l	99
24) 1,1-Dichloroethane	4.77	63	583408	20.672	ug/l	99
25) 2-Butanone	5.64	43	446111	109.518	ug/l	97
26) 2,2-Dichloropropane	5.61	77	462129	21.062	ug/l	99
27) cis-1,2-Dichloroethene	5.61	96	364688	20.478	ug/l	92
28) Bromochloromethane	5.94	49	252444	20.272	ug/l	91
29) Tetrahydrofuran	5.97	42	222473	103.591	ug/l	99
30) Chloroform	6.12	83	605943	21.477	ug/l	100
31) Cyclohexane	6.38	56	550321	20.401	ug/l	97
32) 1,1,1-Trichloroethane	6.30	97	485560	20.431	ug/l	99
36) 1,1-Dichloropropene	6.54	75	454744	21.384	ug/l	98
37) Ethyl Acetate	5.71	43	203607	20.807	ug/l	98
38) Carbon Tetrachloride	6.51	117	408400	20.703	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.06	83	513919	21.011	ug/l	98
40) Benzene	6.81	78	1189051	21.904	ug/l	99
41) Methacrylonitrile	5.96	41	236551	21.120	ug/l	96
42) 1,2-Dichloroethane	6.91	62	306393	21.564	ug/l	99
43) Isopropyl Acetate	8.36	43	256333	20.853	ug/l #	99
44) Trichloroethene	7.75	130	358710	21.799	ug/l	95
45) 1,2-Dichloropropane	8.12	63	297940	21.763	ug/l	100
46) Dibromomethane	8.23	93	169437	21.131	ug/l	94
47) Bromodichloromethane	8.51	83	401989	21.275	ug/l	99
48) Methyl methacrylate	8.26	41	156823	21.004	ug/l	97
49) 1,4-Dioxane	8.24	88	27322	422.926	ug/l	93
51) 4-Methyl-2-Pentanone	9.36	43	842250	105.275	ug/l	99
52) Toluene	9.56	92	733017	21.139	ug/l	99
53) t-1,3-Dichloropropene	9.94	75	342889	21.478	ug/l	97
54) cis-1,3-Dichloropropene	9.12	75	442968	21.633	ug/l	97
55) 1,1,2-Trichloroethane	10.19	97	217772	21.668	ug/l	96
56) Ethyl methacrylate	10.04	69	192856	20.870	ug/l	98
57) 1,3-Dichloropropane	10.40	76	325203	21.235	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.93	63	598264	107.074	ug/l	99
59) 2-Hexanone	10.50	43	619917	108.715	ug/l	99
60) Dibromochloromethane	10.65	129	266188	21.788	ug/l	97
61) 1,2-Dibromoethane	10.77	107	209854	20.840	ug/l	98
64) Tetrachloroethene	10.26	164	324818	20.972	ug/l	99
65) Chlorobenzene	11.32	112	790724	21.035	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.43	131	276565	22.486	ug/l	95
67) Ethyl Benzene	11.44	91	1447302	22.507	ug/l	99
68) m/p-Xylenes	11.58	106	1034486	43.610	ug/l	100
69) o-Xylene	11.94	106	483120	21.082	ug/l	98
70) Styrene	11.96	104	780770	21.082	ug/l	97
71) Bromoform	12.12	173	166274	20.118	ug/l #	96
73) Isopropylbenzene	12.29	105	1352920	20.538	ug/l	98
74) N-amyl acetate	12.14	43	326769	19.348	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.57	83	221497	20.560	ug/l	98
76) 1,2,3-Trichloropropane	12.60	75	228332	21.111	ug/l	100
77) Bromobenzene	12.55	156	368390	21.053	ug/l	90
78) n-propylbenzene	12.64	91	1787908	21.745	ug/l	96
79) 2-Chlorotoluene	12.71	91	957011	21.251	ug/l	94
80) 1,3,5-Trimethylbenzene	12.80	105	1088689	21.266	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.35	75	60426	19.624	ug/l	95
82) 4-Chlorotoluene	12.82	91	1108593	21.915	ug/l	93
83) tert-Butylbenzene	13.06	119	1213882	21.357	ug/l	96
84) 1,2,4-Trimethylbenzene	13.10	105	1077040	21.066	ug/l	97
85) sec-Butylbenzene	13.23	105	1436649	20.602	ug/l	95
86) p-Isopropyltoluene	13.35	119	1148027	20.444	ug/l	98
87) 1,3-Dichlorobenzene	13.32	146	675147	21.687	ug/l	96
88) 1,4-Dichlorobenzene	13.40	146	658766	21.667	ug/l	97
89) n-Butylbenzene	13.66	91	1244446	20.166	ug/l	97
90) Hexachloroethane	13.86	117	275731	20.707	ug/l	85
91) 1,2-Dichlorobenzene	13.67	146	562696	22.006	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.24	75	25822	19.856	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.80	180	422580	20.844	ug/l	98
94) Hexachlorobutadiene	14.89	225	313855	20.697	ug/l	99
95) Naphthalene	14.97	128	496558	20.058	ug/l	100
96) 1,2,3-Trichlorobenzene	15.12	180	330399	20.337	ug/l	99

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

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