

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110718\
 Data File : VD060294.D
 Acq On : 7 Nov 2018 12:00
 Operator : JC/SY
 Sample : VD1107SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1107SBS01

Quant Time: Nov 08 11:55:57 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	1655726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	2220582	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1758539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	908823	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.79	65	593126	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	
35) Dibromofluoromethane	6.33	113	848586	51.25	ug/l	0.00
Spiked Amount			Recovery	=	102.50%	
50) Toluene-d8	9.46	98	2402730	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.43	95	891339	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.60	85	403581	29.167	ug/l	94
3) Chloromethane	1.76	50	354088	22.577	ug/l	99
4) Vinyl Chloride	1.86	62	293836	22.941	ug/l	99
5) Bromomethane	2.16	94	54642	17.982	ug/l	99
6) Chloroethane	2.27	64	83398	19.624	ug/l	98
7) Trichlorofluoromethane	2.52	101	323502	21.423	ug/l	95
8) Diethyl Ether	2.84	74	56954	20.832	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.10	101	216019	21.750	ug/l	96
10) Methyl Iodide	3.26	142	270194	20.946	ug/l	99
11) Tert butyl alcohol	3.99	59	43829	90.031	ug/l	96
12) 1,1-Dichloroethene	3.08	96	176409	21.836	ug/l	96
13) Acrolein	2.99	56	45479	79.062	ug/l	96
14) Allyl chloride	3.55	41	322260	20.847	ug/l	99
15) Acrylonitrile	4.10	53	293943	103.542	ug/l	100
16) Acetone	3.17	43	233516	113.554	ug/l	98
17) Carbon Disulfide	3.33	76	550325	21.104	ug/l	100
18) Methyl Acetate	3.56	43	75614	17.245	ug/l	94
19) Methyl tert-butyl Ether	4.14	73	511629	21.149	ug/l	99
20) Methylene Chloride	3.73	84	371961	20.390	ug/l	98
21) trans-1,2-Dichloroethene	4.12	96	382131	21.303	ug/l	98
22) Diisopropyl ether	4.86	45	1207275	20.905	ug/l	95
23) Vinyl Acetate	4.81	43	3048088	106.071	ug/l	98
24) 1,1-Dichloroethane	4.77	63	618218	20.875	ug/l	100
25) 2-Butanone	5.63	43	459620	107.529	ug/l	100
26) 2,2-Dichloropropane	5.60	77	500415	21.734	ug/l	100
27) cis-1,2-Dichloroethene	5.60	96	386352	20.674	ug/l	95
28) Bromochloromethane	5.94	49	265617	20.327	ug/l	99
29) Tetrahydrofuran	5.97	42	229012	101.621	ug/l	98
30) Chloroform	6.11	83	624504	21.094	ug/l	100
31) Cyclohexane	6.38	56	594798	21.013	ug/l	97
32) 1,1,1-Trichloroethane	6.30	97	520148	20.857	ug/l	99
36) 1,1-Dichloropropene	6.54	75	489971	22.334	ug/l	99
37) Ethyl Acetate	5.71	43	204178	20.225	ug/l	99
38) Carbon Tetrachloride	6.51	117	458522	22.531	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.04	83	547131	21.683	ug/l	99
40) Benzene	6.80	78	1229266	21.951	ug/l	99
41) Methacrylonitrile	5.96	41	243493	21.074	ug/l	97
42) 1,2-Dichloroethane	6.90	62	310201	21.163	ug/l	95
43) Isopropyl Acetate	8.36	43	257887	20.337	ug/l #	96
44) Trichloroethene	7.75	130	370064	21.800	ug/l	99
45) 1,2-Dichloropropane	8.11	63	301624	21.356	ug/l	95
46) Dibromomethane	8.23	93	173903	21.024	ug/l	91
47) Bromodichloromethane	8.51	83	418070	21.448	ug/l	100
48) Methyl methacrylate	8.26	41	156960	20.378	ug/l	94
49) 1,4-Dioxane	8.23	88	27053	405.926	ug/l #	86
51) 4-Methyl-2-Pentanone	9.35	43	884278	107.141	ug/l	100
52) Toluene	9.56	92	789065	22.058	ug/l	100
53) t-1,3-Dichloropropene	9.92	75	342953	20.823	ug/l	99
54) cis-1,3-Dichloropropene	9.12	75	444024	21.020	ug/l	100
55) 1,1,2-Trichloroethane	10.19	97	213594	20.601	ug/l	98
56) Ethyl methacrylate	10.04	69	205156	21.521	ug/l	97
57) 1,3-Dichloropropane	10.39	76	330562	20.924	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.93	63	630918	109.457	ug/l	98
59) 2-Hexanone	10.49	43	687155	116.813	ug/l	100
60) Dibromochloromethane	10.65	129	270374	21.453	ug/l	98
61) 1,2-Dibromoethane	10.77	107	222080	21.378	ug/l	99
64) Tetrachloroethene	10.26	164	349060	22.234	ug/l	96
65) Chlorobenzene	11.32	112	832243	21.842	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.43	131	277350	22.247	ug/l	97
67) Ethyl Benzene	11.44	91	1475880	22.643	ug/l	99
68) m/p-Xylenes	11.58	106	1078612	44.860	ug/l	98
69) o-Xylene	11.94	106	498099	21.443	ug/l	98
70) Styrene	11.96	104	828840	22.079	ug/l	96
71) Bromoform	12.13	173	172465	20.587	ug/l	98
73) Isopropylbenzene	12.28	105	1454894	21.972	ug/l	99
74) N-amyl acetate	12.14	43	347670	20.480	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.57	83	221430	20.448	ug/l	98
76) 1,2,3-Trichloropropane	12.60	75	224914	20.688	ug/l	100
77) Bromobenzene	12.55	156	374660	21.302	ug/l	92
78) n-propylbenzene	12.64	91	1827624	22.113	ug/l	96
79) 2-Chlorotoluene	12.71	91	1005721	22.218	ug/l	95
80) 1,3,5-Trimethylbenzene	12.80	105	1119337	21.752	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.34	75	63851	20.629	ug/l	94
82) 4-Chlorotoluene	12.82	91	1128762	22.199	ug/l	94
83) tert-Butylbenzene	13.05	119	1269280	22.217	ug/l	96
84) 1,2,4-Trimethylbenzene	13.10	105	1138446	22.152	ug/l	96
85) sec-Butylbenzene	13.23	105	1554518	22.178	ug/l	97
86) p-Isopropyltoluene	13.35	119	1230767	21.805	ug/l	98
87) 1,3-Dichlorobenzene	13.32	146	674388	21.551	ug/l	96
88) 1,4-Dichlorobenzene	13.40	146	653256	21.375	ug/l	98
89) n-Butylbenzene	13.65	91	1246709	20.091	ug/l	98
90) Hexachloroethane	13.86	117	285201	21.308	ug/l	87
91) 1,2-Dichlorobenzene	13.66	146	560261	21.798	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.23	75	25842	19.769	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	420823	20.650	ug/l	98
94) Hexachlorobutadiene	14.88	225	328590	21.557	ug/l	99
95) Naphthalene	14.97	128	500541	20.115	ug/l	99
96) 1,2,3-Trichlorobenzene	15.12	180	326991	20.024	ug/l	97

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

