

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110718\
 Data File : VD060295.D
 Acq On : 7 Nov 2018 12:29
 Operator : JC/SY
 Sample : VD1107SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1107SBS01

Quant Time: Nov 07 13:59:00 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	6.41	168	1589982	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.45	114	2137699	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	1749920	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	890873	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	558255	49.04	ug/l	0.00
Spiked Amount						
			Recovery	=	98.08%	
35) Dibromofluoromethane	6.33	113	824524	51.73	ug/l	0.00
Spiked Amount						
			Recovery	=	103.46%	
50) Toluene-d8	9.46	98	2416635	51.80	ug/l	0.00
Spiked Amount						
			Recovery	=	103.60%	
62) 4-Bromofluorobenzene	12.43	95	846589	50.08	ug/l	-0.01
Spiked Amount						
			Recovery	=	100.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	363298	27.025	ug/l	100
3) Chloromethane	1.76	50	319485	21.213	ug/l	98
4) Vinyl Chloride	1.86	62	270146	21.964	ug/l	99
5) Bromomethane	2.15	94	48330	16.562	ug/l	96
6) Chloroethane	2.26	64	73182	17.932	ug/l	99
7) Trichlorofluoromethane	2.52	101	292403	20.164	ug/l	99
8) Diethyl Ether	2.83	74	51634	19.667	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.10	101	195516	20.499	ug/l	98
10) Methyl Iodide	3.25	142	239173	19.307	ug/l	99
11) Tert butyl alcohol	3.97	59	45108	96.490	ug/l #	92
12) 1,1-Dichloroethene	3.08	96	156057	20.115	ug/l	93
13) Acrolein	2.99	56	42605	77.128	ug/l	100
14) Allyl chloride	3.54	41	298424	20.104	ug/l	98
15) Acrylonitrile	4.09	53	282290	103.549	ug/l	97
16) Acetone	3.17	43	217458	110.118	ug/l	97
17) Carbon Disulfide	3.32	76	488639	19.513	ug/l	97
18) Methyl Acetate	3.56	43	75788	17.999	ug/l	95
19) Methyl tert-butyl Ether	4.13	73	475054	20.450	ug/l	100
20) Methylene Chloride	3.73	84	352556	20.126	ug/l	98
21) trans-1,2-Dichloroethene	4.11	96	351098	20.382	ug/l	98
22) Diisopropyl ether	4.86	45	1133823	20.444	ug/l	94
23) Vinyl Acetate	4.81	43	2872504	104.094	ug/l	97
24) 1,1-Dichloroethane	4.76	63	568823	20.001	ug/l	99
25) 2-Butanone	5.63	43	436687	106.388	ug/l	98
26) 2,2-Dichloropropane	5.60	77	470856	21.296	ug/l	99
27) cis-1,2-Dichloroethene	5.61	96	362875	20.221	ug/l	97
28) Bromochloromethane	5.93	49	247440	19.719	ug/l	99
29) Tetrahydrofuran	5.96	42	221551	102.376	ug/l	98
30) Chloroform	6.11	83	579134	20.370	ug/l	99
31) Cyclohexane	6.37	56	557130	20.497	ug/l	98
32) 1,1,1-Trichloroethane	6.30	97	479367	20.017	ug/l	100
36) 1,1-Dichloropropene	6.53	75	452140	21.409	ug/l	99
37) Ethyl Acetate	5.70	43	201291	20.712	ug/l #	97
38) Carbon Tetrachloride	6.51	117	421433	21.511	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.05	83	514417	21.177	ug/l	97
40) Benzene	6.81	78	1116736	20.715	ug/l	98
41) Methacrylonitrile	5.95	41	232109	20.867	ug/l	97
42) 1,2-Dichloroethane	6.91	62	298947	21.186	ug/l	98
43) Isopropyl Acetate	8.35	43	243463	19.944	ug/l #	96
44) Trichloroethene	7.75	130	355246	21.738	ug/l	90
45) 1,2-Dichloropropane	8.12	63	286431	21.067	ug/l	97
46) Dibromomethane	8.22	93	165113	20.735	ug/l	98
47) Bromodichloromethane	8.50	83	384956	20.515	ug/l	98
48) Methyl methacrylate	8.25	41	158994	21.442	ug/l	98
49) 1,4-Dioxane	8.23	88	26779	417.394	ug/l #	84
51) 4-Methyl-2-Pentanone	9.35	43	820379	103.252	ug/l	99
52) Toluene	9.56	92	712143	20.680	ug/l	99
53) t-1,3-Dichloropropene	9.93	75	331826	20.929	ug/l	99
54) cis-1,3-Dichloropropene	9.11	75	414338	20.375	ug/l	97
55) 1,1,2-Trichloroethane	10.19	97	206207	20.660	ug/l	95
56) Ethyl methacrylate	10.03	69	189468	20.646	ug/l	99
57) 1,3-Dichloropropane	10.39	76	313205	20.594	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.93	63	620137	111.758	ug/l	99
59) 2-Hexanone	10.50	43	634901	112.115	ug/l	100
60) Dibromochloromethane	10.64	129	251512	20.730	ug/l	98
61) 1,2-Dibromoethane	10.76	107	206721	20.671	ug/l	99
64) Tetrachloroethene	10.26	164	320670	20.527	ug/l	96
65) Chlorobenzene	11.32	112	782679	20.643	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.42	131	261571	21.085	ug/l	98
67) Ethyl Benzene	11.43	91	1385433	21.360	ug/l	99
68) m/p-Xylenes	11.57	106	1018078	42.551	ug/l	98
69) o-Xylene	11.94	106	468332	20.261	ug/l	95
70) Styrene	11.96	104	764016	20.452	ug/l	99
71) Bromoform	12.12	173	164630	19.749	ug/l	99
73) Isopropylbenzene	12.28	105	1346944	20.752	ug/l	99
74) N-amyl acetate	12.14	43	328810	19.759	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.56	83	215668	20.317	ug/l	97
76) 1,2,3-Trichloropropane	12.60	75	208456	19.561	ug/l	99
77) Bromobenzene	12.54	156	353488	20.503	ug/l	97
78) n-propylbenzene	12.64	91	1667845	20.587	ug/l	100
79) 2-Chlorotoluene	12.71	91	912739	20.570	ug/l	100
80) 1,3,5-Trimethylbenzene	12.80	105	1061411	21.042	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.35	75	58222	19.190	ug/l	92
82) 4-Chlorotoluene	12.81	91	1042792	20.921	ug/l	100
83) tert-Butylbenzene	13.06	119	1186929	21.194	ug/l	100
84) 1,2,4-Trimethylbenzene	13.09	105	1062350	21.088	ug/l	99
85) sec-Butylbenzene	13.22	105	1440249	20.962	ug/l	100
86) p-Isopropyltoluene	13.35	119	1165918	21.072	ug/l	99
87) 1,3-Dichlorobenzene	13.31	146	628569	20.492	ug/l	98
88) 1,4-Dichlorobenzene	13.40	146	628540	20.981	ug/l	99
89) n-Butylbenzene	13.65	91	1196242	19.615	ug/l	95
90) Hexachloroethane	13.86	117	264658	20.172	ug/l	94
91) 1,2-Dichlorobenzene	13.67	146	538230	21.363	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.23	75	23734	18.522	ug/l	61

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	407929	20.421	ug/l	95
94) Hexachlorobutadiene	14.89	225	303769	20.331	ug/l	99
95) Naphthalene	14.97	128	479539	19.659	ug/l	99
96) 1,2,3-Trichlorobenzene	15.12	180	317780	19.852	ug/l	100

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

