

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112018\
 Data File : VD060422.D
 Acq On : 20 Nov 2018 12:00
 Operator : JC/SY
 Sample : VD1120SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1120SBS01

Quant Time: Nov 20 14:52:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1357371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	1892136	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1481379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	739420	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	480123	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
35) Dibromofluoromethane	6.33	113	687630	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
50) Toluene-d8	9.46	98	1982728	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
62) 4-Bromofluorobenzene	12.42	95	702950	46.98	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	93.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.60	85	273580	23.244	ug/l	97
3) Chloromethane	1.78	50	266335	20.714	ug/l	99
4) Vinyl Chloride	1.87	62	227286	21.646	ug/l	97
5) Bromomethane	2.16	94	41802	16.780	ug/l	99
6) Chloroethane	2.27	64	63067	18.102	ug/l	96
7) Trichlorofluoromethane	2.53	101	259388	20.953	ug/l	100
8) Diethyl Ether	2.84	74	44380	19.801	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.11	101	174064	21.378	ug/l	97
10) Methyl Iodide	3.26	142	190184	17.984	ug/l	97
11) Tert butyl alcohol	3.98	59	43360	108.645	ug/l #	87
12) 1,1-Dichloroethene	3.09	96	138708	20.943	ug/l	95
13) Acrolein	3.01	56	36226	76.819	ug/l	93
14) Allyl chloride	3.55	41	265920	20.984	ug/l	96
15) Acrylonitrile	4.10	53	257562	110.669	ug/l	98
16) Acetone	3.17	43	185380	109.961	ug/l	97
17) Carbon Disulfide	3.33	76	411705	19.258	ug/l	98
18) Methyl Acetate	3.58	43	75722	21.065	ug/l	100
19) Methyl tert-butyl Ether	4.14	73	439319	22.152	ug/l	96
20) Methylene Chloride	3.74	84	351181	23.483	ug/l	95
21) trans-1,2-Dichloroethene	4.12	96	322427	21.925	ug/l	97
22) Diisopropyl ether	4.87	45	1062409	22.440	ug/l	95
23) Vinyl Acetate	4.82	43	2649801	112.479	ug/l	99
24) 1,1-Dichloroethane	4.77	63	539651	22.227	ug/l	99
25) 2-Butanone	5.63	43	381851	108.970	ug/l	99
26) 2,2-Dichloropropane	5.61	77	430002	22.781	ug/l	100
27) cis-1,2-Dichloroethene	5.61	96	336155	21.942	ug/l	94
28) Bromochloromethane	5.94	49	229676	21.440	ug/l	95
29) Tetrahydrofuran	5.97	42	194410	105.229	ug/l	99
30) Chloroform	6.12	83	548422	22.595	ug/l	95
31) Cyclohexane	6.38	56	483905	20.853	ug/l	94
32) 1,1,1-Trichloroethane	6.30	97	455836	22.296	ug/l	99
36) 1,1-Dichloropropene	6.54	75	412124	22.046	ug/l	96
37) Ethyl Acetate	5.71	43	193537	22.499	ug/l	97
38) Carbon Tetrachloride	6.51	117	388646	22.412	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.05	83	456852	21.248	ug/l	99
40) Benzene	6.81	78	1054386	22.097	ug/l	99
41) Methacrylonitrile	5.96	41	207869	21.113	ug/l #	95
42) 1,2-Dichloroethane	6.90	62	266621	21.347	ug/l	98
43) Isopropyl Acetate	8.35	43	229931	21.280	ug/l #	95
44) Trichloroethene	7.75	130	327790	22.661	ug/l	99
45) 1,2-Dichloropropane	8.11	63	273181	22.700	ug/l	97
46) Dibromomethane	8.22	93	152946	21.700	ug/l	95
47) Bromodichloromethane	8.50	83	374089	22.523	ug/l	98
48) Methyl methacrylate	8.25	41	141530	21.564	ug/l	95
49) 1,4-Dioxane	8.24	88	25929	456.596	ug/l	93
51) 4-Methyl-2-Pentanone	9.34	43	763336	108.541	ug/l	99
52) Toluene	9.56	92	667437	21.897	ug/l	99
53) t-1,3-Dichloropropene	9.93	75	310880	22.153	ug/l	100
54) cis-1,3-Dichloropropene	9.11	75	395117	21.952	ug/l	98
55) 1,1,2-Trichloroethane	10.19	97	185679	21.017	ug/l	98
56) Ethyl methacrylate	10.03	69	173658	21.379	ug/l	99
57) 1,3-Dichloropropane	10.39	76	290024	21.544	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.93	63	569905	116.035	ug/l	99
59) 2-Hexanone	10.50	43	562661	112.253	ug/l	99
60) Dibromochloromethane	10.64	129	236529	22.025	ug/l	97
61) 1,2-Dibromoethane	10.76	107	194468	21.970	ug/l	100
64) Tetrachloroethene	10.26	164	297772	22.516	ug/l	98
65) Chlorobenzene	11.32	112	739742	23.047	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.42	131	241090	22.957	ug/l	99
67) Ethyl Benzene	11.43	91	1274119	23.205	ug/l	98
68) m/p-Xylenes	11.57	106	922191	45.531	ug/l	98
69) o-Xylene	11.94	106	450164	23.006	ug/l	92
70) Styrene	11.96	104	718201	22.711	ug/l	99
71) Bromoform	12.12	173	156750	22.212	ug/l	99
73) Isopropylbenzene	12.28	105	1242567	23.065	ug/l	99
74) N-amyl acetate	12.14	43	302770	21.921	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.56	83	192788	21.882	ug/l	100
76) 1,2,3-Trichloropropane	12.60	75	197872	22.371	ug/l	98
77) Bromobenzene	12.54	156	314040	21.946	ug/l	95
78) n-propylbenzene	12.64	91	1557660	23.165	ug/l	99
79) 2-Chlorotoluene	12.71	91	841530	22.850	ug/l	100
80) 1,3,5-Trimethylbenzene	12.80	105	967329	23.105	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.35	75	54823	21.771	ug/l	97
82) 4-Chlorotoluene	12.82	91	950727	22.981	ug/l	89
83) tert-Butylbenzene	13.05	119	1064090	22.893	ug/l	100
84) 1,2,4-Trimethylbenzene	13.09	105	982455	23.497	ug/l	99
85) sec-Butylbenzene	13.22	105	1315088	23.061	ug/l	100
86) p-Isopropyltoluene	13.35	119	1080796	23.534	ug/l	99
87) 1,3-Dichlorobenzene	13.32	146	585230	22.987	ug/l	96
88) 1,4-Dichlorobenzene	13.40	146	563635	22.668	ug/l	99
89) n-Butylbenzene	13.66	91	1091194	21.809	ug/l	99
90) Hexachloroethane	13.86	117	253391	23.269	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	486633	23.271	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22638	21.286	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.80	180	372081	22.441	ug/l	98
94) Hexachlorobutadiene	14.89	225	275679	22.230	ug/l	96
95) Naphthalene	14.97	128	423670	20.927	ug/l	100
96) 1,2,3-Trichlorobenzene	15.12	180	295382	22.232	ug/l	100

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

