

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112118\
 Data File : VD060436.D
 Acq On : 21 Nov 2018 12:16
 Operator : JC/SY
 Sample : VD1121SBS01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1121SBS01

Quant Time: Nov 21 14:10:16 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	1370900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	1892220	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1455157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	723244	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	445695	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	
35) Dibromofluoromethane	6.33	113	687681	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
50) Toluene-d8	9.46	98	1906774	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	
62) 4-Bromofluorobenzene	12.43	95	674077	45.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.60	85	270472	22.65	ug/l	97
3) Chloromethane	1.76	50	263651	20.30	ug/l	99
4) Vinyl Chloride	1.86	62	216243	20.39	ug/l	99
5) Bromomethane	2.16	94	44646	17.74	ug/l	97
6) Chloroethane	2.27	64	63154	17.95	ug/l	98
7) Trichlorofluoromethane	2.52	101	259071	20.72	ug/l	99
8) Diethyl Ether	2.84	74	42718	18.87	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.10	101	177860	21.63	ug/l	97
10) Methyl Iodide	3.26	142	182986	17.13	ug/l	97
11) Tert butyl alcohol	3.98	59	37092	92.02	ug/l	98
12) 1,1-Dichloroethene	3.08	96	138466	20.70	ug/l	97
13) Acrolein	2.99	56	32542	68.33	ug/l	93
14) Allyl chloride	3.54	41	253540	19.81	ug/l	96
15) Acrylonitrile	4.09	53	232533	98.93	ug/l	99
16) Acetone	3.17	43	173711	102.02	ug/l	99
17) Carbon Disulfide	3.33	76	403031	18.67	ug/l	98
18) Methyl Acetate	3.56	43	68594	18.89	ug/l	97
19) Methyl tert-butyl Ether	4.13	73	388473	19.39	ug/l	97
20) Methylene Chloride	3.73	84	356821	23.62	ug/l	98
21) trans-1,2-Dichloroethene	4.11	96	312697	21.05	ug/l	94
22) Diisopropyl ether	4.86	45	963300	20.15	ug/l	97
23) Vinyl Acetate	4.81	43	2347921	98.68	ug/l	99
24) 1,1-Dichloroethane	4.76	63	503961	20.55	ug/l	99
25) 2-Butanone	5.63	43	334802	94.60	ug/l	98
26) 2,2-Dichloropropane	5.60	77	408989	21.45	ug/l	97
27) cis-1,2-Dichloroethene	5.60	96	323459	20.91	ug/l	96
28) Bromochloromethane	5.93	49	224945	20.79	ug/l	95
29) Tetrahydrofuran	5.96	42	170496	91.37	ug/l	99
30) Chloroform	6.11	83	519543	21.19	ug/l	99
31) Cyclohexane	6.37	56	464821	19.83	ug/l	98
32) 1,1,1-Trichloroethane	6.30	97	421780	20.43	ug/l	98
36) 1,1-Dichloropropene	6.53	75	395165	21.14	ug/l	98
37) Ethyl Acetate	5.70	43	177546	20.64	ug/l	# 95
38) Carbon Tetrachloride	6.51	117	362946	20.93	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.04	83	434433	20.20	ug/l	99
40) Benzene	6.80	78	972598	20.38	ug/l	99
41) Methacrylonitrile	5.96	41	186322	18.92	ug/l #	89
42) 1,2-Dichloroethane	6.90	62	248822	19.92	ug/l	98
43) Isopropyl Acetate	8.35	43	197032	18.23	ug/l #	96
44) Trichloroethene	7.75	130	303557	20.98	ug/l	96
45) 1,2-Dichloropropane	8.11	63	244263	20.30	ug/l	96
46) Dibromomethane	8.22	93	142081	20.16	ug/l	97
47) Bromodichloromethane	8.49	83	336851	20.28	ug/l	98
48) Methyl methacrylate	8.25	41	126439	19.26	ug/l	97
49) 1,4-Dioxane	8.23	88	22574	397.50	ug/l #	75
51) 4-Methyl-2-Pentanone	9.34	43	669906	95.25	ug/l	98
52) Toluene	9.56	92	635441	20.85	ug/l	98
53) t-1,3-Dichloropropene	9.92	75	268766	19.15	ug/l	98
54) cis-1,3-Dichloropropene	9.10	75	354960	19.72	ug/l	98
55) 1,1,2-Trichloroethane	10.19	97	174515	19.75	ug/l	98
56) Ethyl methacrylate	10.03	69	153336	18.88	ug/l	98
57) 1,3-Dichloropropane	10.38	76	253769	18.85	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.93	63	475127	96.73	ug/l	98
59) 2-Hexanone	10.49	43	486958	97.15	ug/l	98
60) Dibromochloromethane	10.64	129	210795	19.63	ug/l	94
61) 1,2-Dibromoethane	10.76	107	172339	19.47	ug/l	97
64) Tetrachloroethene	10.26	164	280586	21.60	ug/l	98
65) Chlorobenzene	11.32	112	675379	21.42	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.42	131	223347	21.65	ug/l	97
67) Ethyl Benzene	11.43	91	1208333	22.40	ug/l	97
68) m/p-Xylenes	11.56	106	870594	43.76	ug/l	93
69) o-Xylene	11.94	106	423044	22.01	ug/l	98
70) Styrene	11.96	104	663992	21.38	ug/l	98
71) Bromoform	12.12	173	135287	19.52	ug/l #	99
73) Isopropylbenzene	12.28	105	1184985	22.49	ug/l	99
74) N-amyl acetate	12.13	43	261981	19.39	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.57	83	172288	19.99	ug/l	98
76) 1,2,3-Trichloropropane	12.60	75	171769	19.85	ug/l	99
77) Bromobenzene	12.54	156	298772	21.35	ug/l	90
78) n-propylbenzene	12.64	91	1490389	22.66	ug/l	98
79) 2-Chlorotoluene	12.71	91	792989	22.01	ug/l	96
80) 1,3,5-Trimethylbenzene	12.79	105	909991	22.22	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.34	75	47100	19.12	ug/l	87
82) 4-Chlorotoluene	12.81	91	896752	22.16	ug/l	92
83) tert-Butylbenzene	13.05	119	1030325	22.66	ug/l	96
84) 1,2,4-Trimethylbenzene	13.10	105	929741	22.73	ug/l	96
85) sec-Butylbenzene	13.23	105	1229015	22.03	ug/l	96
86) p-Isopropyltoluene	13.35	119	1005131	22.38	ug/l	97
87) 1,3-Dichlorobenzene	13.32	146	529253	21.25	ug/l	96
88) 1,4-Dichlorobenzene	13.39	146	526190	21.64	ug/l	97
89) n-Butylbenzene	13.65	91	1019380	20.71	ug/l	98
90) Hexachloroethane	13.86	117	232820	21.86	ug/l	90
91) 1,2-Dichlorobenzene	13.66	146	443258	21.67	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.23	75	20004	19.23	ug/l	80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	337705	20.82	ug/l	98
94) Hexachlorobutadiene	14.88	225	243013	20.03	ug/l	98
95) Naphthalene	14.97	128	381357	19.26	ug/l	99
96) 1,2,3-Trichlorobenzene	15.12	180	257823	19.84	ug/l	100

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

