

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111218\
 Data File : VD060332.D
 Acq On : 12 Nov 2018 12:44
 Operator : JC/SY
 Sample : VD1112SBSD01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1112SBSD01

Quant Time: Nov 13 00:39:03 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	6.40	168	1812818	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.43	114	2467956	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	1964111	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	1014434	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	647103	49.85	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	99.70%	
35) Dibromofluoromethane	6.31	113	946075	51.41	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	102.82%	
50) Toluene-d8	9.44	98	2723498	50.56	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.42	95	963328	49.36	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	98.72%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.59	85	350631	22.103	ug/l	99
3) Chloromethane	1.76	50	338374	19.705	ug/l	98
4) Vinyl Chloride	1.86	62	288425	20.567	ug/l	99
5) Bromomethane	2.15	94	50063	15.047	ug/l	98
6) Chloroethane	2.26	64	74300	15.968	ug/l	93
7) Trichlorofluoromethane	2.51	101	320258	19.370	ug/l	99
8) Diethyl Ether	2.82	74	55800	18.641	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.09	101	221196	20.341	ug/l	97
10) Methyl Iodide	3.25	142	260848	18.469	ug/l	99
11) Tert butyl alcohol	3.97	59	46875	87.944	ug/l #	89
12) 1,1-Dichloroethene	3.07	96	177139	20.026	ug/l	96
13) Acrolein	2.98	56	53923	85.618	ug/l	93
14) Allyl chloride	3.53	41	332490	19.645	ug/l	100
15) Acrylonitrile	4.07	53	295432	95.049	ug/l	99
16) Acetone	3.16	43	213867	94.987	ug/l	99
17) Carbon Disulfide	3.31	76	552862	19.364	ug/l	100
18) Methyl Acetate	3.55	43	80776	16.826	ug/l	94
19) Methyl tert-butyl Ether	4.11	73	524045	19.785	ug/l	99
20) Methylene Chloride	3.71	84	468208	23.442	ug/l	98
21) trans-1,2-Dichloroethene	4.09	96	398997	20.316	ug/l	98
22) Diisopropyl ether	4.84	45	1258134	19.897	ug/l	93
23) Vinyl Acetate	4.79	43	3196230	101.587	ug/l	99
24) 1,1-Dichloroethane	4.74	63	654548	20.187	ug/l	99
25) 2-Butanone	5.61	43	454097	97.030	ug/l	96
26) 2,2-Dichloropropane	5.57	77	525273	20.837	ug/l	98
27) cis-1,2-Dichloroethene	5.58	96	408335	19.957	ug/l	94
28) Bromochloromethane	5.91	49	295921	20.684	ug/l	90
29) Tetrahydrofuran	5.93	42	234818	95.168	ug/l	99
30) Chloroform	6.09	83	653650	20.165	ug/l	98
31) Cyclohexane	6.35	56	618298	19.951	ug/l	97
32) 1,1,1-Trichloroethane	6.28	97	554488	20.307	ug/l	99
36) 1,1-Dichloropropene	6.50	75	512148	21.005	ug/l	97
37) Ethyl Acetate	5.69	43	207799	18.521	ug/l	98
38) Carbon Tetrachloride	6.48	117	463630	20.498	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.02	83	571377	20.375	ug/l	100
40) Benzene	6.78	78	1309219	21.035	ug/l	99
41) Methacrylonitrile	5.93	41	256179	19.949	ug/l #	97
42) 1,2-Dichloroethane	6.88	62	323671	19.869	ug/l	99
43) Isopropyl Acetate	8.33	43	266713	18.925	ug/l #	97
44) Trichloroethene	7.72	130	389060	20.621	ug/l	99
45) 1,2-Dichloropropane	8.09	63	324105	20.648	ug/l	99
46) Dibromomethane	8.20	93	187278	20.371	ug/l	99
47) Bromodichloromethane	8.47	83	447828	20.672	ug/l	99
48) Methyl methacrylate	8.23	41	173079	20.218	ug/l	97
49) 1,4-Dioxane	8.21	88	30495	411.708	ug/l #	86
51) 4-Methyl-2-Pentanone	9.32	43	901254	98.252	ug/l	98
52) Toluene	9.54	92	821042	20.652	ug/l	98
53) t-1,3-Dichloropropene	9.90	75	371377	20.289	ug/l	99
54) cis-1,3-Dichloropropene	9.08	75	478317	20.374	ug/l	98
55) 1,1,2-Trichloroethane	10.16	97	227561	19.748	ug/l	97
56) Ethyl methacrylate	10.02	69	208441	19.674	ug/l	97
57) 1,3-Dichloropropane	10.36	76	348747	19.862	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.91	63	680901	106.288	ug/l	100
59) 2-Hexanone	10.47	43	692422	105.910	ug/l	100
60) Dibromochloromethane	10.63	129	283239	20.221	ug/l	99
61) 1,2-Dibromoethane	10.75	107	230670	19.979	ug/l	98
64) Tetrachloroethene	10.23	164	356002	20.303	ug/l	97
65) Chlorobenzene	11.30	112	861579	20.245	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.40	131	290318	20.850	ug/l	97
67) Ethyl Benzene	11.41	91	1553174	21.335	ug/l	98
68) m/p-Xylenes	11.55	106	1143054	42.565	ug/l	98
69) o-Xylene	11.93	106	528471	20.370	ug/l	95
70) Styrene	11.95	104	842085	20.084	ug/l	99
71) Bromoform	12.10	173	185918	19.870	ug/l	98
73) Isopropylbenzene	12.26	105	1513056	20.472	ug/l	100
74) N-amyl acetate	12.12	43	359642	18.980	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.55	83	228652	18.917	ug/l	100
76) 1,2,3-Trichloropropane	12.59	75	231795	19.101	ug/l	99
77) Bromobenzene	12.53	156	386234	19.674	ug/l	95
78) n-propylbenzene	12.63	91	1953978	21.181	ug/l	97
79) 2-Chlorotoluene	12.69	91	1016835	20.125	ug/l	98
80) 1,3,5-Trimethylbenzene	12.78	105	1189815	20.715	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.33	75	65429	18.939	ug/l	94
82) 4-Chlorotoluene	12.80	91	1178143	20.758	ug/l	88
83) tert-Butylbenzene	13.04	119	1325026	20.778	ug/l	99
84) 1,2,4-Trimethylbenzene	13.08	105	1186144	20.678	ug/l	99
85) sec-Butylbenzene	13.22	105	1608195	20.555	ug/l	94
86) p-Isopropyltoluene	13.33	119	1312792	20.836	ug/l	100
87) 1,3-Dichlorobenzene	13.30	146	733885	21.011	ug/l	96
88) 1,4-Dichlorobenzene	13.38	146	710863	20.839	ug/l	99
89) n-Butylbenzene	13.64	91	1297532	18.574	ug/l	97
90) Hexachloroethane	13.85	117	301049	20.151	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	573355	19.985	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.22	75	27203	18.644	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.78	180	452408	19.889	ug/l	98
94) Hexachlorobutadiene	14.87	225	346944	20.392	ug/l	99
95) Naphthalene	14.96	128	537364	19.347	ug/l	99
96) 1,2,3-Trichlorobenzene	15.10	180	367400	20.156	ug/l	99

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

