

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD040919\
 Data File : VD061674.D
 Acq On : 9 Apr 2019 14:56
 Operator : VA/AP
 Sample : VD0409SBS01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0409SBS01

Quant Time: Apr 10 00:52:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	580343	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	901069	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.39	117	790073	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	356015	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	192935	43.86	ug/l	0.02
Spiked Amount	50.000		Recovery	=	87.72%	
35) Dibromofluoromethane	6.95	113	268698	43.04	ug/l	0.03
Spiked Amount	50.000		Recovery	=	86.08%	
50) Toluene-d8	10.43	98	669281	42.67	ug/l	0.02
Spiked Amount	50.000		Recovery	=	85.34%	
62) 4-Bromofluorobenzene	13.57	95	250656	44.41	ug/l	0.01
Spiked Amount	50.000		Recovery	=	88.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	114851	18.344	ug/l	98
3) Chloromethane	1.75	50	104536	20.661	ug/l	94
4) Vinyl Chloride	1.85	62	100857	21.333	ug/l	98
5) Bromomethane	2.15	94	20972	19.165	ug/l	93
6) Chloroethane	2.26	64	29257	19.758	ug/l	94
7) Trichlorofluoromethane	2.53	101	141589	19.835	ug/l	97
8) Diethyl Ether	2.88	74	40689	20.311	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.16	101	147903	21.075	ug/l	94
10) Methyl Iodide	3.32	142	165318	18.296	ug/l	98
11) Tert butyl alcohol	4.08	59	33301	112.956	ug/l #	87
12) 1,1-Dichloroethene	3.14	96	129880	21.468	ug/l	93
13) Acrolein	3.04	56	30214	84.058	ug/l	99
14) Allyl chloride	3.64	41	170896	20.711	ug/l	98
15) Acrylonitrile	4.21	53	101717	100.229	ug/l	94
16) Acetone	3.23	43	129104	98.178	ug/l	100
17) Carbon Disulfide	3.39	76	391668	19.924	ug/l	99
18) Methyl Acetate	3.65	43	54960	22.214	ug/l	98
19) Methyl tert-butyl Ether	4.26	73	223883	21.372	ug/l	97
20) Methylene Chloride	3.83	84	150891	20.221	ug/l	97
21) trans-1,2-Dichloroethene	4.24	96	136293	20.742	ug/l	94
22) Diisopropyl ether	5.14	45	364838	21.088	ug/l	98
23) Vinyl Acetate	5.08	43	957308	100.283	ug/l	100
24) 1,1-Dichloroethane	5.00	63	215843	20.360	ug/l	99
25) 2-Butanone	6.09	43	158143	104.318	ug/l	99
26) 2,2-Dichloropropane	6.05	77	189135	21.910	ug/l	94
27) cis-1,2-Dichloroethene	6.06	96	152214	21.714	ug/l	94
28) Bromochloromethane	6.46	49	71149	18.193	ug/l	92
29) Tetrahydrofuran	6.48	42	73551	100.505	ug/l	98
30) Chloroform	6.69	83	227105	20.449	ug/l	99
31) Cyclohexane	6.98	56	156478	18.893	ug/l	98
32) 1,1,1-Trichloroethane	6.89	97	202952	20.853	ug/l	95
36) 1,1-Dichloropropene	7.17	75	191302	24.258	ug/l	96
37) Ethyl Acetate	6.20	43	73318	22.826	ug/l	94
38) Carbon Tetrachloride	7.14	117	218962	23.691	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.89	83	176423	21.791	ug/l	97
40) Benzene	7.47	78	445830	23.434	ug/l	97
41) Methacrylonitrile	6.47	41	86882	23.171	ug/l #	94
42) 1,2-Dichloroethane	7.60	62	140743	23.523	ug/l	98
43) Isopropyl Acetate	9.26	43	102306	21.946	ug/l #	93
44) Trichloroethene	8.57	130	162599	22.294	ug/l	98
45) 1,2-Dichloropropane	8.96	63	103350	21.905	ug/l	99
46) Dibromomethane	9.09	93	73278	21.731	ug/l	99
47) Bromodichloromethane	9.39	83	172836	23.338	ug/l	98
48) Methyl methacrylate	9.14	41	58882	21.912	ug/l #	86
49) 1,4-Dioxane	9.11	88	14385	484.988	ug/l	95
51) 4-Methyl-2-Pentanone	10.32	43	330227	119.782	ug/l	99
52) Toluene	10.54	92	275969	23.230	ug/l	99
53) t-1,3-Dichloropropene	10.93	75	144693	22.289	ug/l	96
54) cis-1,3-Dichloropropene	10.06	75	186234	23.272	ug/l	97
55) 1,1,2-Trichloroethane	11.21	97	92248	23.023	ug/l	97
56) Ethyl methacrylate	11.07	69	100550	23.788	ug/l	98
57) 1,3-Dichloropropane	11.43	76	142116	24.220	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.88	63	222310	111.466	ug/l	99
59) 2-Hexanone	11.55	43	243949	114.018	ug/l	99
60) Dibromochloromethane	11.71	129	153287	24.215	ug/l	99
61) 1,2-Dibromoethane	11.83	107	109457	23.359	ug/l	98
64) Tetrachloroethene	11.28	164	128999	21.034	ug/l	96
65) Chlorobenzene	12.42	112	347197	22.160	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	141687	23.500	ug/l	95
67) Ethyl Benzene	12.53	91	552952	23.176	ug/l	100
68) m/p-Xylenes	12.68	106	428316	46.565	ug/l	93
69) o-Xylene	13.07	106	175566	19.773	ug/l	96
70) Styrene	13.09	104	314493	20.740	ug/l	99
71) Bromoform	13.25	173	82239	21.984	ug/l	99
73) Isopropylbenzene	13.42	105	565814	23.852	ug/l	97
74) N-amyl acetate	13.28	43	133424	20.701	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.72	83	96951	19.766	ug/l	98
76) 1,2,3-Trichloropropane	13.75	75	108701	22.442	ug/l	99
77) Bromobenzene	13.69	156	150455	21.851	ug/l	82
78) n-propylbenzene	13.78	91	627931	22.129	ug/l	99
79) 2-Chlorotoluene	13.85	91	379589	23.393	ug/l	93
80) 1,3,5-Trimethylbenzene	13.94	105	435271	23.118	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.49	75	32025	21.789	ug/l	95
82) 4-Chlorotoluene	13.96	91	410633	23.094	ug/l	97
83) tert-Butylbenzene	14.21	119	495612	21.832	ug/l	94
84) 1,2,4-Trimethylbenzene	14.25	105	438691	23.086	ug/l	99
85) sec-Butylbenzene	14.39	105	536455	21.872	ug/l	96
86) p-Isopropyltoluene	14.50	119	461389	21.685	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	254567	21.482	ug/l	98
88) 1,4-Dichlorobenzene	14.55	146	267127	22.341	ug/l	98
89) n-Butylbenzene	14.81	91	435904	23.570	ug/l	99
90) Hexachloroethane	15.03	117	126804	21.964	ug/l	65
91) 1,2-Dichlorobenzene	14.82	146	234207	23.981	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.40	75	12951	21.881	ug/l	52

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.96	180	119819	24.081	ug/l	99
94) Hexachlorobutadiene	16.05	225	88938	23.148	ug/l	99
95) Naphthalene	16.14	128	186532	23.692	ug/l	100
96) 1,2,3-Trichlorobenzene	16.29	180	76027	30.615	ug/l	94

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

