

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041919\
 Data File : VD061912.D
 Acq On : 19 Apr 2019 16:12
 Operator : VA/AP
 Sample : VD0419SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0419SBS01

Quant Time: Apr 19 16:41:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	492197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.24	114	787760	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	694394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	322294	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	243134	58.94	ug/l	0.00
Spiked Amount			Recovery	=	117.88%	
35) Dibromofluoromethane	6.94	113	347163	58.33	ug/l	0.01
Spiked Amount			Recovery	=	116.66%	
50) Toluene-d8	10.42	98	841183	59.65	ug/l	0.01
Spiked Amount			Recovery	=	119.30%	
62) 4-Bromofluorobenzene	13.56	95	297292	52.01	ug/l	0.00
Spiked Amount			Recovery	=	104.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	95547	19.889	ug/l	94
3) Chloromethane	1.76	50	77111	20.141	ug/l	95
4) Vinyl Chloride	1.85	62	81761	21.518	ug/l	98
5) Bromomethane	2.15	94	20150	21.605	ug/l	93
6) Chloroethane	2.25	64	26389	20.358	ug/l	92
7) Trichlorofluoromethane	2.53	101	115639	18.765	ug/l	99
8) Diethyl Ether	2.88	74	31209	19.324	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.15	101	101026	18.386	ug/l	97
10) Methyl Iodide	3.31	142	104570	14.597	ug/l	99
11) Tert butyl alcohol	4.06	59	25113	103.233	ug/l #	90
12) 1,1-Dichloroethene	3.13	96	83259	18.024	ug/l	95
13) Acrolein	3.04	56	19059	80.929	ug/l	100
14) Allyl chloride	3.63	41	117895	18.724	ug/l	95
15) Acrylonitrile	4.20	53	89431	117.101	ug/l	97
16) Acetone	3.23	43	91269	89.772	ug/l	93
17) Carbon Disulfide	3.38	76	244910	16.409	ug/l	99
18) Methyl Acetate	3.65	43	42122	20.671	ug/l	100
19) Methyl tert-butyl Ether	4.24	73	205655	23.856	ug/l	96
20) Methylene Chloride	3.83	84	130422	23.364	ug/l	97
21) trans-1,2-Dichloroethene	4.23	96	111445	21.953	ug/l	98
22) Diisopropyl ether	5.13	45	298586	22.184	ug/l	96
23) Vinyl Acetate	5.07	43	859074	119.401	ug/l	99
24) 1,1-Dichloroethane	5.00	63	185429	22.723	ug/l	98
25) 2-Butanone	6.08	43	131899	113.956	ug/l	99
26) 2,2-Dichloropropane	6.03	77	155448	22.039	ug/l	96
27) cis-1,2-Dichloroethene	6.05	96	120050	21.814	ug/l	97
28) Bromochloromethane	6.45	49	71655	23.117	ug/l	94
29) Tetrahydrofuran	6.46	42	68717	121.879	ug/l	97
30) Chloroform	6.67	83	205821	22.613	ug/l	97
31) Cyclohexane	6.96	56	133766	21.413	ug/l	100
32) 1,1,1-Trichloroethane	6.89	97	174501	21.628	ug/l	95
36) 1,1-Dichloropropene	7.15	75	144116	22.388	ug/l	96
37) Ethyl Acetate	6.19	43	62634	22.734	ug/l	96
38) Carbon Tetrachloride	7.12	117	178474	21.957	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	144668	21.642	ug/l	98
40) Benzene	7.47	78	334384	21.637	ug/l	96
41) Methacrylonitrile	6.45	41	76940	23.627	ug/l	96
42) 1,2-Dichloroethane	7.59	62	129842	24.123	ug/l	100
43) Isopropyl Acetate	9.25	43	91062	23.487	ug/l	99
44) Trichloroethene	8.55	130	127766	21.476	ug/l	99
45) 1,2-Dichloropropane	8.94	63	84829	21.073	ug/l	95
46) Dibromomethane	9.07	93	66794	23.287	ug/l	87
47) Bromodichloromethane	9.39	83	152348	23.023	ug/l	98
48) Methyl methacrylate	9.13	41	52891	23.208	ug/l	94
49) 1,4-Dioxane	9.08	88	10451	419.555	ug/l #	86
51) 4-Methyl-2-Pentanone	10.31	43	289370	122.047	ug/l	98
52) Toluene	10.52	92	210693	21.274	ug/l	96
53) t-1,3-Dichloropropene	10.92	75	136902	22.960	ug/l	96
54) cis-1,3-Dichloropropene	10.05	75	144053	20.581	ug/l	98
55) 1,1,2-Trichloroethane	11.20	97	80531	24.132	ug/l	98
56) Ethyl methacrylate	11.05	69	81100	22.142	ug/l	99
57) 1,3-Dichloropropane	11.42	76	120639	24.046	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.86	63	228740	131.299	ug/l	99
59) 2-Hexanone	11.54	43	212799	120.841	ug/l	99
60) Dibromochloromethane	11.69	129	130593	23.916	ug/l	98
61) 1,2-Dibromoethane	11.81	107	99136	24.159	ug/l	95
64) Tetrachloroethene	11.27	164	107627	20.667	ug/l	96
65) Chlorobenzene	12.41	112	266115	20.578	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	122074	22.525	ug/l	99
67) Ethyl Benzene	12.53	91	455831	22.010	ug/l	99
68) m/p-Xylenes	12.68	106	345571	44.422	ug/l	100
69) o-Xylene	13.06	106	154839	21.176	ug/l	97
70) Styrene	13.08	104	281030	22.335	ug/l	99
71) Bromoform	13.24	173	69509	21.608	ug/l	98
73) Isopropylbenzene	13.41	105	423546	20.264	ug/l	96
74) N-amyl acetate	13.27	43	126081	22.432	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.71	83	92021	22.272	ug/l	98
76) 1,2,3-Trichloropropane	13.74	75	90923	21.482	ug/l	98
77) Bromobenzene	13.68	156	123482	20.797	ug/l	93
78) n-propylbenzene	13.78	91	532582	22.054	ug/l	100
79) 2-Chlorotoluene	13.85	91	300859	21.327	ug/l	97
80) 1,3,5-Trimethylbenzene	13.94	105	369794	22.297	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.48	75	23832	19.540	ug/l	88
82) 4-Chlorotoluene	13.96	91	350208	21.688	ug/l	96
83) tert-Butylbenzene	14.19	119	429274	22.044	ug/l	98
84) 1,2,4-Trimethylbenzene	14.24	105	360527	21.626	ug/l	97
85) sec-Butylbenzene	14.37	105	468432	23.269	ug/l	96
86) p-Isopropyltoluene	14.50	119	367787	19.526	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	225675	21.772	ug/l	99
88) 1,4-Dichlorobenzene	14.55	146	221140	21.583	ug/l	95
89) n-Butylbenzene	14.80	91	346841	20.803	ug/l	96
90) Hexachloroethane	15.01	117	111067	21.634	ug/l	87
91) 1,2-Dichlorobenzene	14.81	146	180880	20.833	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.38	75	14538	28.286	ug/l	75

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	122120	25.609	ug/l	96
94) Hexachlorobutadiene	16.04	225	81117	23.473	ug/l	98
95) Naphthalene	16.13	128	192400	26.323	ug/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	76549	28.169	ug/l	97

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

