

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041919\
 Data File : VD061906.D
 Acq On : 19 Apr 2019 13:19
 Operator : VA/AP
 Sample : VD0419SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0419SBS01

Quant Time: Apr 19 13:46:53 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	570348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	931846	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	812694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	363434	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	262363	54.89	ug/l	0.00
Spiked Amount			Recovery	=	109.78%	
35) Dibromofluoromethane	6.93	113	377182	53.58	ug/l	0.00
Spiked Amount			Recovery	=	107.16%	
50) Toluene-d8	10.41	98	854779	51.24	ug/l	0.00
Spiked Amount			Recovery	=	102.48%	
62) 4-Bromofluorobenzene	13.57	95	354179	52.38	ug/l	0.00
Spiked Amount			Recovery	=	104.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	103643	18.618	ug/l	99
3) Chloromethane	1.75	50	93817	21.147	ug/l	99
4) Vinyl Chloride	1.85	62	92227	20.947	ug/l	98
5) Bromomethane	2.15	94	20751	18.758	ug/l	100
6) Chloroethane	2.25	64	29230	19.460	ug/l	93
7) Trichlorofluoromethane	2.52	101	138015	19.327	ug/l	94
8) Diethyl Ether	2.87	74	39764	21.248	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.15	101	134847	21.178	ug/l	99
10) Methyl Iodide	3.31	142	137866	16.124	ug/l	98
11) Tert butyl alcohol	4.08	59	32282	114.519	ug/l	96
12) 1,1-Dichloroethene	3.13	96	115283	21.537	ug/l	94
13) Acrolein	3.03	56	22568	82.698	ug/l	88
14) Allyl chloride	3.62	41	161094	22.079	ug/l	95
15) Acrylonitrile	4.19	53	94667	106.972	ug/l	96
16) Acetone	3.22	43	123519	104.846	ug/l	96
17) Carbon Disulfide	3.38	76	322539	18.649	ug/l	99
18) Methyl Acetate	3.64	43	52852	22.383	ug/l	92
19) Methyl tert-butyl Ether	4.24	73	212182	21.241	ug/l	95
20) Methylene Chloride	3.82	84	163134	25.621	ug/l	97
21) trans-1,2-Dichloroethene	4.21	96	127267	21.634	ug/l	92
22) Diisopropyl ether	5.12	45	345931	22.180	ug/l	93
23) Vinyl Acetate	5.06	43	927132	111.204	ug/l	98
24) 1,1-Dichloroethane	4.98	63	201561	21.316	ug/l	99
25) 2-Butanone	6.07	43	142534	106.271	ug/l	98
26) 2,2-Dichloropropane	6.02	77	166865	20.416	ug/l	98
27) cis-1,2-Dichloroethene	6.04	96	130890	20.525	ug/l	95
28) Bromochloromethane	6.45	49	83452	23.234	ug/l	95
29) Tetrahydrofuran	6.46	42	75134	115.001	ug/l	99
30) Chloroform	6.67	83	216087	20.488	ug/l	96
31) Cyclohexane	6.96	56	154508	21.344	ug/l	99
32) 1,1,1-Trichloroethane	6.87	97	202176	21.624	ug/l	96
36) 1,1-Dichloropropene	7.16	75	161886	21.260	ug/l	98
37) Ethyl Acetate	6.18	43	70185	21.536	ug/l #	94
38) Carbon Tetrachloride	7.12	117	198643	20.659	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	159658	20.191	ug/l	94
40) Benzene	7.46	78	391008	21.389	ug/l	99
41) Methacrylonitrile	6.46	41	88994	23.103	ug/l #	90
42) 1,2-Dichloroethane	7.58	62	134614	21.143	ug/l	95
43) Isopropyl Acetate	9.24	43	104615	22.811	ug/l	100
44) Trichloroethene	8.54	130	154046	21.889	ug/l	97
45) 1,2-Dichloropropane	8.95	63	98093	20.600	ug/l	98
46) Dibromomethane	9.08	93	74356	21.915	ug/l	97
47) Bromodichloromethane	9.38	83	167723	21.427	ug/l	100
48) Methyl methacrylate	9.13	41	55214	20.481	ug/l	97
49) 1,4-Dioxane	9.08	88	12806	434.605	ug/l #	95
51) 4-Methyl-2-Pentanone	10.31	43	302792	107.961	ug/l	99
52) Toluene	10.51	92	267058	22.796	ug/l	93
53) t-1,3-Dichloropropene	10.92	75	145887	20.684	ug/l	99
54) cis-1,3-Dichloropropene	10.05	75	179300	21.656	ug/l	97
55) 1,1,2-Trichloroethane	11.20	97	88698	22.469	ug/l	96
56) Ethyl methacrylate	11.05	69	96437	22.258	ug/l	97
57) 1,3-Dichloropropane	11.42	76	134334	22.635	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.86	63	245389	119.076	ug/l	94
59) 2-Hexanone	11.54	43	228205	109.552	ug/l	100
60) Dibromochloromethane	11.69	129	143638	22.238	ug/l	99
61) 1,2-Dibromoethane	11.81	107	105829	21.803	ug/l	91
64) Tetrachloroethene	11.26	164	128137	21.024	ug/l	98
65) Chlorobenzene	12.40	112	339407	22.425	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	135896	21.426	ug/l	98
67) Ethyl Benzene	12.53	91	518537	21.394	ug/l	99
68) m/p-Xylenes	12.68	106	380088	41.747	ug/l	97
69) o-Xylene	13.05	106	178445	20.852	ug/l	96
70) Styrene	13.08	104	308229	20.931	ug/l	96
71) Bromoform	13.24	173	80172	21.295	ug/l	97
73) Isopropylbenzene	13.41	105	526761	22.349	ug/l	98
74) N-amyl acetate	13.27	43	131236	20.706	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.70	83	94216	20.222	ug/l	98
76) 1,2,3-Trichloropropane	13.74	75	102983	21.577	ug/l	98
77) Bromobenzene	13.67	156	140784	21.027	ug/l	88
78) n-propylbenzene	13.78	91	623008	22.878	ug/l	97
79) 2-Chlorotoluene	13.85	91	313196	19.688	ug/l	94
80) 1,3,5-Trimethylbenzene	13.94	105	432480	23.125	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.48	75	28347	20.429	ug/l	92
82) 4-Chlorotoluene	13.95	91	411310	22.589	ug/l	89
83) tert-Butylbenzene	14.20	119	459956	20.946	ug/l	98
84) 1,2,4-Trimethylbenzene	14.24	105	410952	21.860	ug/l	99
85) sec-Butylbenzene	14.37	105	488281	21.509	ug/l	99
86) p-Isopropyltoluene	14.49	119	444197	20.913	ug/l	95
87) 1,3-Dichlorobenzene	14.46	146	247048	21.136	ug/l	99
88) 1,4-Dichlorobenzene	14.54	146	247837	21.450	ug/l	98
89) n-Butylbenzene	14.81	91	419742	22.325	ug/l	97
90) Hexachloroethane	15.01	117	118781	20.518	ug/l	99
91) 1,2-Dichlorobenzene	14.82	146	222546	22.730	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.39	75	12786	22.628	ug/l	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	121345	22.566	ug/l	99
94) Hexachlorobutadiene	16.05	225	95030	24.386	ug/l	99
95) Naphthalene	16.12	128	193983	23.536	ug/l	100
96) 1,2,3-Trichlorobenzene	16.27	180	82396	26.888	ug/l	97

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

