

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031419\
 Data File : VD061061.D
 Acq On : 14 Mar 2019 13:35
 Operator : VA/AP
 Sample : VD0314SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0314SBS01

Quant Time: Mar 15 02:11:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	714753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1158400	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	986502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	417831	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	272117	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	
35) Dibromofluoromethane	6.92	113	450242	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
50) Toluene-d8	10.41	98	1132865	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
62) 4-Bromofluorobenzene	13.55	95	430638	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	140487	19.843	ug/l	99
3) Chloromethane	1.76	50	119829	20.317	ug/l	97
4) Vinyl Chloride	1.85	62	109112	20.021	ug/l	97
5) Bromomethane	2.15	94	19387	17.377	ug/l	90
6) Chloroethane	2.27	64	32292	19.796	ug/l #	85
7) Trichlorofluoromethane	2.53	101	145400	18.572	ug/l	98
8) Diethyl Ether	2.88	74	51887	20.090	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.15	101	173235	19.792	ug/l	96
10) Methyl Iodide	3.31	142	211130	19.421	ug/l	99
11) Tert butyl alcohol	4.06	59	35115	92.711	ug/l	97
12) 1,1-Dichloroethene	3.13	96	142987	19.929	ug/l	94
13) Acrolein	3.04	56	44138	80.540	ug/l	99
14) Allyl chloride	3.63	41	228507	19.906	ug/l	99
15) Acrylonitrile	4.20	53	139823	104.451	ug/l	100
16) Acetone	3.22	43	160130	94.122	ug/l	96
17) Carbon Disulfide	3.38	76	452135	18.681	ug/l	100
18) Methyl Acetate	3.64	43	60653	18.115	ug/l #	91
19) Methyl tert-butyl Ether	4.24	73	265664	21.129	ug/l	97
20) Methylene Chloride	3.81	84	178146	20.184	ug/l	95
21) trans-1,2-Dichloroethene	4.22	96	165393	21.298	ug/l	96
22) Diisopropyl ether	5.12	45	471499	19.786	ug/l	98
23) Vinyl Acetate	5.05	43	1276161	104.320	ug/l	98
24) 1,1-Dichloroethane	4.98	63	271118	20.765	ug/l	99
25) 2-Butanone	6.07	43	200957	104.095	ug/l	100
26) 2,2-Dichloropropane	6.03	77	202445	19.862	ug/l	96
27) cis-1,2-Dichloroethene	6.04	96	171758	20.846	ug/l	98
28) Bromochloromethane	6.44	49	100269	18.140	ug/l	93
29) Tetrahydrofuran	6.46	42	99547	94.963	ug/l	99
30) Chloroform	6.67	83	273327	20.198	ug/l	100
31) Cyclohexane	6.95	56	221995	21.086	ug/l	97
32) 1,1,1-Trichloroethane	6.87	97	232584	19.880	ug/l	95
36) 1,1-Dichloropropene	7.15	75	197707	19.800	ug/l	97
37) Ethyl Acetate	6.19	43	93792	20.017	ug/l	100
38) Carbon Tetrachloride	7.12	117	211306	19.211	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	219175	21.168	ug/l	98
40) Benzene	7.46	78	503098	20.164	ug/l	99
41) Methacrylonitrile	6.44	41	109543	20.325	ug/l	93
42) 1,2-Dichloroethane	7.57	62	153300	21.172	ug/l	99
43) Isopropyl Acetate	9.24	43	133222	20.528	ug/l #	96
44) Trichloroethene	8.54	130	192437	22.356	ug/l	98
45) 1,2-Dichloropropane	8.94	63	139103	21.221	ug/l	100
46) Dibromomethane	9.06	93	86231	20.738	ug/l	99
47) Bromodichloromethane	9.38	83	194008	20.676	ug/l	97
48) Methyl methacrylate	9.12	41	80573	22.050	ug/l	97
49) 1,4-Dioxane	9.08	88	14892	403.042	ug/l	93
51) 4-Methyl-2-Pentanone	10.30	43	420022	105.642	ug/l	96
52) Toluene	10.51	92	318126	20.504	ug/l	98
53) t-1,3-Dichloropropene	10.91	75	178267	20.778	ug/l	99
54) cis-1,3-Dichloropropene	10.03	75	198088	19.215	ug/l	97
55) 1,1,2-Trichloroethane	11.19	97	104243	20.175	ug/l	99
56) Ethyl methacrylate	11.04	69	106845	19.756	ug/l	96
57) 1,3-Dichloropropane	11.40	76	161525	20.919	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.86	63	287668	100.488	ug/l	98
59) 2-Hexanone	11.53	43	287059	98.702	ug/l	97
60) Dibromochloromethane	11.68	129	152537	20.060	ug/l	99
61) 1,2-Dibromoethane	11.81	107	122769	20.425	ug/l	98
64) Tetrachloroethene	11.26	164	138674	20.824	ug/l	98
65) Chlorobenzene	12.40	112	405606	20.973	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	156303	22.673	ug/l	99
67) Ethyl Benzene	12.53	91	643627	22.354	ug/l	100
68) m/p-Xylenes	12.66	106	465423	41.186	ug/l	96
69) o-Xylene	13.05	106	234824	21.140	ug/l	98
70) Styrene	13.07	104	386384	21.302	ug/l	100
71) Bromoform	13.23	173	91830	20.649	ug/l	97
73) Isopropylbenzene	13.40	105	627192	20.829	ug/l	100
74) N-amyl acetate	13.26	43	155144	18.298	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	114259	19.448	ug/l	99
76) 1,2,3-Trichloropropane	13.73	75	111913	18.617	ug/l	99
77) Bromobenzene	13.67	156	162961	21.200	ug/l	92
78) n-propylbenzene	13.78	91	743938	21.103	ug/l	96
79) 2-Chlorotoluene	13.83	91	441572	22.752	ug/l	96
80) 1,3,5-Trimethylbenzene	14.24	105	479249	20.964	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.47	75	34874	19.678	ug/l	96
82) 4-Chlorotoluene	13.94	91	462135	20.142	ug/l	97
83) tert-Butylbenzene	14.19	119	587029	23.465	ug/l	96
84) 1,2,4-Trimethylbenzene	14.24	105	479249	20.964	ug/l	98
85) sec-Butylbenzene	14.37	105	670139	21.942	ug/l	98
86) p-Isopropyltoluene	14.49	119	549468	22.010	ug/l	96
87) 1,3-Dichlorobenzene	14.45	146	298248	21.729	ug/l	98
88) 1,4-Dichlorobenzene	14.53	146	282750	20.963	ug/l	96
89) n-Butylbenzene	14.80	91	489965	20.437	ug/l	97
90) Hexachloroethane	15.01	117	146500	20.782	ug/l	83
91) 1,2-Dichlorobenzene	14.81	146	247150	21.599	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	13698	19.348	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	119752	22.560	ug/l	98
94) Hexachlorobutadiene	16.04	225	87708	21.845	ug/l	99
95) Naphthalene	16.12	128	167382	20.750	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	57947	22.102	ug/l	96

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

