

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
 Data File : VD062833.D
 Acq On : 24 Jun 2019 11:59
 Operator : VA/AP
 Sample : VD0624SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0624SBS01

Quant Time: Jun 25 05:02:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	990511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1289391	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1146032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	604941	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	516478	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
35) Dibromofluoromethane	6.94	113	512849	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
50) Toluene-d8	10.42	98	1127157	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
62) 4-Bromofluorobenzene	13.56	95	508210	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	263554	20.562	ug/l	95
3) Chloromethane	1.76	50	188181	19.522	ug/l #	83
4) Vinyl Chloride	1.85	62	188610	19.734	ug/l	97
5) Bromomethane	2.15	94	68654	15.338	ug/l	96
6) Chloroethane	2.26	64	80612	18.630	ug/l	98
7) Trichlorofluoromethane	2.53	101	361349	18.681	ug/l	100
8) Diethyl Ether	2.87	74	50837	20.685	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.15	101	210916	20.128	ug/l	94
10) Methyl Iodide	3.30	142	240102	17.367	ug/l	97
11) Tert butyl alcohol	4.10	59	42214	86.087	ug/l #	57
12) 1,1-Dichloroethene	3.13	96	156489	19.907	ug/l	95
13) Acrolein	3.04	56	39999	79.901	ug/l	90
14) Allyl chloride	3.62	41	227078	19.550	ug/l	99
15) Acrylonitrile	4.20	53	109947	95.421	ug/l	91
16) Acetone	3.23	43	187917	81.347	ug/l #	91
17) Carbon Disulfide	3.37	76	471666	18.774	ug/l #	94
18) Methyl Acetate	3.65	43	77438	23.826	ug/l	95
19) Methyl tert-butyl Ether	4.25	73	343532	20.187	ug/l	99
20) Methylene Chloride	3.82	84	172599	21.020	ug/l	98
21) trans-1,2-Dichloroethene	4.22	96	163262	19.505	ug/l	98
22) Diisopropyl ether	5.13	45	463134	19.606	ug/l	96
23) Vinyl Acetate	5.07	43	1431206	96.826	ug/l	99
24) 1,1-Dichloroethane	4.99	63	294745	19.165	ug/l	96
25) 2-Butanone	6.08	43	206106	102.352	ug/l	93
26) 2,2-Dichloropropane	6.03	77	328529	20.153	ug/l	99
27) cis-1,2-Dichloroethene	6.05	96	173357	19.585	ug/l	97
28) Bromochloromethane	6.44	49	103279	19.067	ug/l	96
29) Tetrahydrofuran	6.47	42	93934	98.591	ug/l	96
30) Chloroform	6.67	83	358004	19.140	ug/l	96
31) Cyclohexane	6.97	56	183809	18.180	ug/l	95
32) 1,1,1-Trichloroethane	6.88	97	362231	18.593	ug/l	92
36) 1,1-Dichloropropene	7.15	75	234839	19.240	ug/l	94
37) Ethyl Acetate	6.19	43	99974	18.811	ug/l	96
38) Carbon Tetrachloride	7.11	117	355673	19.375	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	199948	18.610	ug/l	96
40) Benzene	7.46	78	479211	19.559	ug/l	94
41) Methacrylonitrile	6.45	41	128830	20.014	ug/l #	96
42) 1,2-Dichloroethane	7.59	62	257942	19.299	ug/l	98
43) Isopropyl Acetate	9.25	43	131547	20.557	ug/l #	99
44) Trichloroethene	8.55	130	188713	19.646	ug/l	90
45) 1,2-Dichloropropane	8.94	63	114897	18.859	ug/l	94
46) Dibromomethane	9.06	93	106719	20.392	ug/l	93
47) Bromodichloromethane	9.39	83	255975	18.833	ug/l	98
48) Methyl methacrylate	9.13	41	89622	19.708	ug/l	86
49) 1,4-Dioxane	9.09	88	14817	391.642	ug/l	97
51) 4-Methyl-2-Pentanone	10.31	43	455370	100.369	ug/l	95
52) Toluene	10.52	92	315368	19.148	ug/l	99
53) t-1,3-Dichloropropene	10.91	75	230729	20.740	ug/l	99
54) cis-1,3-Dichloropropene	10.05	75	244045	20.183	ug/l	96
55) 1,1,2-Trichloroethane	11.20	97	111646	19.731	ug/l	88
56) Ethyl methacrylate	11.05	69	119325	19.733	ug/l	96
57) 1,3-Dichloropropane	11.42	76	162093	18.709	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.86	63	326541	105.185	ug/l	95
59) 2-Hexanone	11.54	43	324167	100.325	ug/l	96
60) Dibromochloromethane	11.69	129	213376	20.245	ug/l	98
61) 1,2-Dibromoethane	11.81	107	128054	19.162	ug/l	95
64) Tetrachloroethene	11.26	164	176870	18.752	ug/l	97
65) Chlorobenzene	12.40	112	399174	18.768	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	184460	18.545	ug/l	95
67) Ethyl Benzene	12.53	91	739222	19.358	ug/l	99
68) m/p-Xylenes	12.68	106	521638	39.221	ug/l	93
69) o-Xylene	13.05	106	238476	19.614	ug/l	86
70) Styrene	13.08	104	416232	19.491	ug/l	93
71) Bromoform	13.24	173	125697	18.444	ug/l	96
73) Isopropylbenzene	13.40	105	748797	19.305	ug/l	98
74) N-amyl acetate	13.27	43	178192	18.917	ug/l	94
75) 1,1,2,2-Tetrachloroethane	13.70	83	119520	18.912	ug/l	88
76) 1,2,3-Trichloropropane	13.74	75	143417	20.536	ug/l	94
77) Bromobenzene	13.67	156	200203	19.190	ug/l	83
78) n-propylbenzene	13.78	91	854236	18.922	ug/l	95
79) 2-Chlorotoluene	13.85	91	486588	18.860	ug/l	95
80) 1,3,5-Trimethylbenzene	13.94	105	650118	19.954	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.47	75	33056	18.060	ug/l	95
82) 4-Chlorotoluene	13.95	91	611086	19.674	ug/l	92
83) tert-Butylbenzene	14.19	119	721058	19.855	ug/l	96
84) 1,2,4-Trimethylbenzene	14.24	105	647799	19.399	ug/l	98
85) sec-Butylbenzene	14.37	105	771897	19.557	ug/l	96
86) p-Isopropyltoluene	14.50	119	728037	20.162	ug/l	95
87) 1,3-Dichlorobenzene	14.46	146	396947	21.225	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	370910	19.746	ug/l	97
89) n-Butylbenzene	14.80	91	637130	18.852	ug/l	97
90) Hexachloroethane	15.01	117	188429	19.408	ug/l	82
91) 1,2-Dichlorobenzene	14.81	146	305712	19.106	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	26759	21.693	ug/l	69

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	252926	20.236	ug/l	92
94) Hexachlorobutadiene	16.04	225	181978	19.058	ug/l	97
95) Naphthalene	16.12	128	346132	19.758	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	187775	19.553	ug/l	95

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

