

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061019\
 Data File : VD062648.D
 Acq On : 10 Jun 2019 12:50
 Operator : VA/AP
 Sample : VD0610SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0610SBS01

Quant Time: Jun 11 03:54:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	688984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	959307	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	827496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	447605	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.44	65	545251	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	
35) Dibromofluoromethane	6.92	113	514547	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
50) Toluene-d8	10.40	98	1124333	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
62) 4-Bromofluorobenzene	13.55	95	501312	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	198818	23.452	ug/l	94
3) Chloromethane	1.75	50	145627	21.362	ug/l	100
4) Vinyl Chloride	1.85	62	143113	20.358	ug/l	95
5) Bromomethane	2.14	94	66308	18.687	ug/l	91
6) Chloroethane	2.26	64	70014	20.173	ug/l	92
7) Trichlorofluoromethane	2.53	101	321095	20.407	ug/l	98
8) Diethyl Ether	2.87	74	46775	21.857	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.14	101	180464	21.267	ug/l	98
10) Methyl Iodide	3.29	142	186340	17.923	ug/l	100
11) Tert butyl alcohol	4.07	59	36724	89.863	ug/l #	88
12) 1,1-Dichloroethene	3.12	96	125132	20.548	ug/l	97
13) Acrolein	3.03	56	13714	104.324	ug/l	97
14) Allyl chloride	3.61	41	200379	21.400	ug/l	91
15) Acrylonitrile	4.19	53	94872	102.160	ug/l	98
16) Acetone	3.22	43	184098	101.123	ug/l	98
17) Carbon Disulfide	3.36	76	341884	19.051	ug/l	97
18) Methyl Acetate	3.64	43	64518	21.564	ug/l	96
19) Methyl tert-butyl Ether	4.23	73	314658	21.186	ug/l	99
20) Methylene Chloride	3.81	84	134546	19.289	ug/l #	92
21) trans-1,2-Dichloroethene	4.21	96	137505	20.585	ug/l	84
22) Diisopropyl ether	5.12	45	396818	20.410	ug/l #	99
23) Vinyl Acetate	5.05	43	1266897	105.035	ug/l	99
24) 1,1-Dichloroethane	4.97	63	262875	21.017	ug/l	100
25) 2-Butanone	6.07	43	177000	99.657	ug/l	97
26) 2,2-Dichloropropane	6.01	77	292238	20.273	ug/l	99
27) cis-1,2-Dichloroethene	6.03	96	146943	20.292	ug/l	95
28) Bromochloromethane	6.43	49	89300	18.678	ug/l	100
29) Tetrahydrofuran	6.45	42	84539	105.697	ug/l	98
30) Chloroform	6.66	83	322153	20.075	ug/l	93
31) Cyclohexane	6.94	56	153508	19.565	ug/l	86
32) 1,1,1-Trichloroethane	6.86	97	347903	21.787	ug/l	99
36) 1,1-Dichloropropene	7.13	75	208367	18.978	ug/l	96
37) Ethyl Acetate	6.18	43	88751	19.704	ug/l #	93
38) Carbon Tetrachloride	7.10	117	334946	19.301	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	186330	21.001	ug/l	96
40) Benzene	7.45	78	430335	20.070	ug/l	100
41) Methacrylonitrile	6.45	41	112936	19.650	ug/l	98
42) 1,2-Dichloroethane	7.57	62	251528	19.682	ug/l	97
43) Isopropyl Acetate	9.23	43	113456	19.585	ug/l #	95
44) Trichloroethene	8.53	130	156912	18.026	ug/l	90
45) 1,2-Dichloropropane	8.93	63	105487	20.482	ug/l	89
46) Dibromomethane	9.05	93	91955	20.115	ug/l	89
47) Bromodichloromethane	9.37	83	252392	20.295	ug/l #	95
48) Methyl methacrylate	9.11	41	83150	19.868	ug/l	93
49) 1,4-Dioxane	9.08	88	13261	384.848	ug/l	94
51) 4-Methyl-2-Pentanone	10.29	43	404222	99.720	ug/l	94
52) Toluene	10.50	92	289630	20.096	ug/l	99
53) t-1,3-Dichloropropene	10.90	75	208311	20.431	ug/l	95
54) cis-1,3-Dichloropropene	10.03	75	219121	20.793	ug/l	97
55) 1,1,2-Trichloroethane	11.18	97	96507	19.525	ug/l	94
56) Ethyl methacrylate	11.03	69	108110	20.663	ug/l	96
57) 1,3-Dichloropropane	11.40	76	158205	20.651	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.85	63	287488	108.825	ug/l	98
59) 2-Hexanone	11.52	43	317526	105.305	ug/l	95
60) Dibromochloromethane	11.68	129	194891	19.975	ug/l	99
61) 1,2-Dibromoethane	11.80	107	119407	20.185	ug/l	96
64) Tetrachloroethene	11.25	164	157226	20.297	ug/l	95
65) Chlorobenzene	12.39	112	375568	20.519	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.51	131	176639	20.234	ug/l	95
67) Ethyl Benzene	12.52	91	642223	19.789	ug/l	96
68) m/p-Xylenes	12.67	106	428424	37.551	ug/l	94
69) o-Xylene	13.05	106	213282	20.355	ug/l	94
70) Styrene	13.07	104	363919	19.465	ug/l	98
71) Bromoform	13.23	173	124981	20.437	ug/l	96
73) Isopropylbenzene	13.40	105	658483	20.872	ug/l	96
74) N-amyl acetate	13.26	43	177182	20.780	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.70	83	107385	19.892	ug/l	95
76) 1,2,3-Trichloropropane	13.73	75	130610	21.521	ug/l	100
77) Bromobenzene	13.67	156	183162	20.312	ug/l	92
78) n-propylbenzene	13.77	91	792972	20.534	ug/l	99
79) 2-Chlorotoluene	13.84	91	455407	20.140	ug/l	97
80) 1,3,5-Trimethylbenzene	13.93	105	597009	21.411	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.47	75	27679	18.075	ug/l #	89
82) 4-Chlorotoluene	13.95	91	572616	21.176	ug/l	97
83) tert-Butylbenzene	14.18	119	662970	21.557	ug/l	94
84) 1,2,4-Trimethylbenzene	14.23	105	586436	21.242	ug/l	98
85) sec-Butylbenzene	14.36	105	674147	20.905	ug/l	95
86) p-Isopropyltoluene	14.49	119	634742	20.216	ug/l	98
87) 1,3-Dichlorobenzene	14.45	146	346540	21.214	ug/l	97
88) 1,4-Dichlorobenzene	14.54	146	330223	21.390	ug/l	94
89) n-Butylbenzene	14.79	91	608562	21.545	ug/l	96
90) Hexachloroethane	15.00	117	166738	20.116	ug/l	73
91) 1,2-Dichlorobenzene	14.80	146	280818	20.680	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	15.37	75	25055	21.728	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	207636	20.307	ug/l	99
94) Hexachlorobutadiene	16.03	225	164521	20.521	ug/l	98
95) Naphthalene	16.12	128	297733	20.517	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	155620	19.896	ug/l	99

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

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