

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051219\
 Data File : VD062275.D
 Acq On : 13 May 2019 00:04
 Operator : FY/SY
 Sample : VD0512SBS02
 Misc : 5.00µ/5mL/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0512SBS02

Quant Time: May 13 03:16:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	626434	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.23	114	879074	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	729380	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	397758	50.00	ug/l	0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.47	65	309829	53.22	ug/l	0.04
Spiked Amount	50.000		Recovery	=	106.44%	
35) Dibromofluoromethane	6.94	113	360137	49.38	ug/l	0.04
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	10.42	98	770667	43.82	ug/l	0.02
Spiked Amount	50.000		Recovery	=	87.64%	
62) 4-Bromofluorobenzene	13.56	95	365206	51.72	ug/l	0.02
Spiked Amount	50.000		Recovery	=	103.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	116995	19.527	ug/l	98
3) Chloromethane	1.75	50	78672	18.173	ug/l	95
4) Vinyl Chloride	1.85	62	81099	19.061	ug/l	90
5) Bromomethane	2.16	94	26311	26.392	ug/l	93
6) Chloroethane	2.26	64	37209	20.842	ug/l	96
7) Trichlorofluoromethane	2.53	101	186331	22.527	ug/l	93
8) Diethyl Ether	2.88	74	28061	17.590	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.15	101	122881	19.638	ug/l #	90
10) Methyl Iodide	3.31	142	133139	14.078	ug/l	91
11) Tert butyl alcohol	4.08	59	32845	110.531	ug/l #	95
12) 1,1-Dichloroethene	3.13	96	88277	18.482	ug/l	84
13) Acrolein	3.04	56	23174	75.399	ug/l #	83
14) Allyl chloride	3.63	41	129890	18.703	ug/l #	79
15) Acrylonitrile	4.21	53	80325	102.840	ug/l #	84
16) Acetone	3.24	43	118911	97.401	ug/l #	83
17) Carbon Disulfide	3.38	76	208553	15.178	ug/l	99
18) Methyl Acetate	3.65	43	44171	20.048	ug/l	91
19) Methyl tert-butyl Ether	4.25	73	221306	21.616	ug/l #	91
20) Methylene Chloride	3.83	84	98162	19.257	ug/l	89
21) trans-1,2-Dichloroethene	4.23	96	101930	19.177	ug/l	94
22) Diisopropyl ether	5.13	45	298087	20.170	ug/l #	87
23) Vinyl Acetate	5.07	43	870386	111.625	ug/l #	95
24) 1,1-Dichloroethane	5.00	63	182340	20.452	ug/l	99
25) 2-Butanone	6.08	43	136894	102.801	ug/l	96
26) 2,2-Dichloropropane	6.03	77	183231	20.632	ug/l	94
27) cis-1,2-Dichloroethene	6.05	96	116270	19.543	ug/l	94
28) Bromochloromethane	6.45	49	84227	24.012	ug/l	84
29) Tetrahydrofuran	6.47	42	64809	105.627	ug/l	92
30) Chloroform	6.68	83	229439	21.354	ug/l	97
31) Cyclohexane	6.97	56	111139	18.196	ug/l	98
32) 1,1,1-Trichloroethane	6.89	97	233888	23.030	ug/l	98
36) 1,1-Dichloropropene	7.16	75	153304	21.270	ug/l	94
37) Ethyl Acetate	6.20	43	66307	21.693	ug/l #	89
38) Carbon Tetrachloride	7.12	117	228744	22.930	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	119289	17.274	ug/l	97
40) Benzene	7.47	78	303527	18.649	ug/l	99
41) Methacrylonitrile	6.47	41	84690	22.673	ug/l #	84
42) 1,2-Dichloroethane	7.59	62	167948	24.355	ug/l	91
43) Isopropyl Acetate	9.25	43	89516	20.650	ug/l	91
44) Trichloroethene	8.55	130	112356	18.116	ug/l	80
45) 1,2-Dichloropropane	8.95	63	77836	19.334	ug/l	97
46) Dibromomethane	9.07	93	68374	20.886	ug/l	99
47) Bromodichloromethane	9.39	83	176536	22.046	ug/l	99
48) Methyl methacrylate	9.13	41	59395	22.244	ug/l #	77
49) 1,4-Dioxane	9.10	88	11189	388.373	ug/l	94
51) 4-Methyl-2-Pentanone	10.31	43	310654	111.483	ug/l #	87
52) Toluene	10.52	92	223119	21.070	ug/l	96
53) t-1,3-Dichloropropene	10.92	75	146115	21.112	ug/l	98
54) cis-1,3-Dichloropropene	10.05	75	150216	19.896	ug/l #	87
55) 1,1,2-Trichloroethane	11.20	97	74586	19.906	ug/l	96
56) Ethyl methacrylate	11.05	69	79735	20.479	ug/l #	81
57) 1,3-Dichloropropane	11.42	76	114361	20.203	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.87	63	219022	102.983	ug/l	98
59) 2-Hexanone	11.54	43	229809	111.894	ug/l	85
60) Dibromochloromethane	11.69	129	131667	20.334	ug/l	96
61) 1,2-Dibromoethane	11.82	107	90477	19.862	ug/l	98
64) Tetrachloroethene	11.27	164	108616	19.044	ug/l	96
65) Chlorobenzene	12.41	112	259334	19.090	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.52	131	126177	21.341	ug/l	96
67) Ethyl Benzene	12.53	91	463485	20.379	ug/l	93
68) m/p-Xylenes	12.68	106	342323	41.371	ug/l	84
69) o-Xylene	13.06	106	157281	20.445	ug/l	81
70) Styrene	13.08	104	260959	20.025	ug/l	94
71) Bromoform	13.25	173	87775	21.339	ug/l #	97
73) Isopropylbenzene	13.41	105	440676	18.483	ug/l	96
74) N-amyl acetate	13.28	43	130226	20.832	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.71	83	92019	20.386	ug/l	99
76) 1,2,3-Trichloropropane	13.74	75	100916	21.349	ug/l	98
77) Bromobenzene	13.68	156	139559	20.909	ug/l	96
78) n-propylbenzene	13.78	91	573035	20.148	ug/l	92
79) 2-Chlorotoluene	13.85	91	343906	21.113	ug/l	90
80) 1,3,5-Trimethylbenzene	13.93	105	374226	18.639	ug/l	89
81) trans-1,4-Dichloro-2-buten	13.48	75	24358	18.253	ug/l #	72
82) 4-Chlorotoluene	13.95	91	390949	20.396	ug/l	89
83) tert-Butylbenzene	14.19	119	425241	18.843	ug/l	85
84) 1,2,4-Trimethylbenzene	14.24	105	406428	20.172	ug/l	89
85) sec-Butylbenzene	14.37	105	496129	20.051	ug/l	94
86) p-Isopropyltoluene	14.50	119	436720	19.756	ug/l	93
87) 1,3-Dichlorobenzene	14.46	146	243430	19.965	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	231823	19.351	ug/l	95
89) n-Butylbenzene	14.80	91	425811	21.460	ug/l	91
90) Hexachloroethane	15.02	117	118389	19.693	ug/l	63
91) 1,2-Dichlorobenzene	14.81	146	216996	21.610	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.38	75	16219	21.890	ug/l	62

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	159862	21.873	ug/l	95
94) Hexachlorobutadiene	16.04	225	105885	19.478	ug/l	98
95) Naphthalene	16.13	128	225917	22.140	ug/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	111234	24.206	ug/l	91

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

