

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080718\
 Data File : VD059699.D
 Acq On : 7 Aug 2018 12:29
 Operator : VA/AP
 Sample : VD0807SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Quant Time: Aug 08 08:04:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 08 02:03:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	215204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	268353	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	219961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	120305	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.00	65	144632	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
35) Dibromofluoromethane	5.52	113	127788	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
50) Toluene-d8	8.69	98	266877	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	11.92	95	121332	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.32	85	56142	18.59	ug/l	99
3) Chloromethane	1.47	50	23390	17.38	ug/l	94
4) Vinyl Chloride	1.54	62	29422	18.72	ug/l	93
5) Bromomethane	1.77	94	6840	13.23	ug/l	94
6) Chloroethane	1.85	64	10599	16.59	ug/l #	85
7) Trichlorofluoromethane	2.06	101	48536	18.95	ug/l	98
8) Diethyl Ether	2.33	74	8840	18.84	ug/l	61
9) 1,1,2-Trichlorotrifluoroet	2.53	101	27914	19.29	ug/l	92
10) Methyl Iodide	2.67	142	28535	17.15	ug/l	96
11) Tert butyl alcohol	3.24	59	11721	116.36	ug/l #	76
12) 1,1-Dichloroethene	2.52	96	19624	18.56	ug/l	98
13) Acrolein	2.45	56	8954	94.64	ug/l	100
14) Allyl chloride	2.90	41	46272	19.13	ug/l	99
15) Acrylonitrile	3.33	53	30688	109.84	ug/l	99
16) Acetone	2.59	43	49073	94.37	ug/l	96
17) Carbon Disulfide	2.73	76	64419	16.87	ug/l	99
18) Methyl Acetate	2.91	43	16600	17.28	ug/l	100
19) Methyl tert-butyl Ether	3.38	73	93696	23.23	ug/l	96
20) Methylene Chloride	3.05	84	33728	16.86	ug/l	90
21) trans-1,2-Dichloroethene	3.36	96	30067	21.73	ug/l	91
22) Diisopropyl ether	4.05	45	113708	19.99	ug/l	99
23) Vinyl Acetate	3.99	43	372583	103.29	ug/l	99
24) 1,1-Dichloroethane	3.95	63	73667	19.56	ug/l	99
25) 2-Butanone	4.82	43	62024	90.81	ug/l	99
26) 2,2-Dichloropropane	4.78	77	78135	19.43	ug/l	99
27) cis-1,2-Dichloroethene	4.78	96	39980	19.90	ug/l	95
28) Bromochloromethane	5.12	49	30634	22.03	ug/l #	100
29) Tetrahydrofuran	5.16	42	28556	107.95	ug/l	97
30) Chloroform	5.30	83	90828	19.79	ug/l	98
31) Cyclohexane	5.57	56	48878	17.77	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	82263	18.43	ug/l	93
36) 1,1-Dichloropropene	5.72	75	59160	19.83	ug/l	94
37) Ethyl Acetate	4.90	43	31796	21.95	ug/l	98
38) Carbon Tetrachloride	5.70	117	77175	19.33	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.27	83	48331	19.17	ug/l	98
40) Benzene	6.00	78	112122	19.38	ug/l	98
41) Methacrylonitrile	5.10	41	14719	21.73	ug/l	94
42) 1,2-Dichloroethane	6.11	62	69823	19.52	ug/l	96
43) Isopropyl Acetate	7.60	43	37901	20.02	ug/l	100
44) Trichloroethene	6.96	130	41468	19.62	ug/l	95
45) 1,2-Dichloropropane	7.33	63	28923	18.93	ug/l	93
46) Dibromomethane	7.44	93	27100	20.47	ug/l	99
47) Bromodichloromethane	7.73	83	64906	19.25	ug/l	97
48) Methyl methacrylate	7.49	41	25822	20.66	ug/l	95
49) 1,4-Dioxane	7.48	88	4275	417.53	ug/l #	91
51) 4-Methyl-2-Pentanone	8.58	43	128692	93.20	ug/l	94
52) Toluene	8.79	92	73849	20.01	ug/l	96
53) t-1,3-Dichloropropene	9.17	75	56005	19.63	ug/l	98
54) cis-1,3-Dichloropropene	8.35	75	59524	20.26	ug/l	96
55) 1,1,2-Trichloroethane	9.44	97	28152	19.86	ug/l	96
56) Ethyl methacrylate	9.30	69	32439	20.74	ug/l	94
57) 1,3-Dichloropropane	9.65	76	44566	20.26	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.17	63	82583	110.82	ug/l	98
59) 2-Hexanone	9.77	43	103370	99.69	ug/l	96
60) Dibromochloromethane	9.94	129	45144	20.04	ug/l	92
61) 1,2-Dibromoethane	10.08	107	33015	20.25	ug/l	97
64) Tetrachloroethene	9.50	164	38088	18.29	ug/l	99
65) Chlorobenzene	10.71	112	89537	19.32	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.84	131	40516	19.94	ug/l	96
67) Ethyl Benzene	10.85	91	162846	19.51	ug/l	99
68) m/p-Xylenes	11.00	106	104243	39.04	ug/l	99
69) o-Xylene	11.40	106	51631	19.89	ug/l	89
70) Styrene	11.43	104	84618	19.42	ug/l	91
71) Bromoform	11.59	173	30267	19.77	ug/l #	97
73) Isopropylbenzene	11.76	105	155394	19.22	ug/l	98
74) N-amyl acetate	11.63	43	50824	19.65	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.07	83	32915	20.29	ug/l	98
76) 1,2,3-Trichloropropane	12.11	75	38454	20.68	ug/l	90
77) Bromobenzene	12.04	156	45149	19.16	ug/l	81
78) n-propylbenzene	12.14	91	200042	19.97	ug/l	99
79) 2-Chlorotoluene	12.20	91	118513	19.59	ug/l	99
80) 1,3,5-Trimethylbenzene	12.31	105	132257	19.64	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.83	75	8611	18.97	ug/l	96
82) 4-Chlorotoluene	12.32	91	143691	20.29	ug/l	86
83) tert-Butylbenzene	12.57	119	145983	19.37	ug/l	99
84) 1,2,4-Trimethylbenzene	12.62	105	140074	19.63	ug/l	99
85) sec-Butylbenzene	12.74	105	162503	19.41	ug/l	100
86) p-Isopropyltoluene	12.88	119	135423	18.97	ug/l	93
87) 1,3-Dichlorobenzene	12.83	146	79639	19.58	ug/l	94
88) 1,4-Dichlorobenzene	12.92	146	76840	18.94	ug/l	99
89) n-Butylbenzene	13.19	91	140311	19.38	ug/l	98
90) Hexachloroethane	13.39	117	36391	19.67	ug/l	93
91) 1,2-Dichlorobenzene	13.19	146	67426	19.68	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.77	75	6511	19.21	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	58168	18.88	ug/l	99
94) Hexachlorobutadiene	14.43	225	43756	18.31	ug/l	97
95) Naphthalene	14.51	128	84136	18.44	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	53155	19.72	ug/l	98

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

