

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062518\
 Data File : VD059398.D
 Acq On : 25 Jun 2018 14:51
 Operator : VA/AP
 Sample : VD0625SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBS01

Quant Time: Jun 26 06:45:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	827872	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	1076757	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.69	117	883543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	443553	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	353185	41.72	ug/l	-0.02
Spiked Amount						
			Recovery	=	83.44%	
35) Dibromofluoromethane	5.54	113	388708	44.32	ug/l	-0.02
Spiked Amount						
			Recovery	=	88.64%	
50) Toluene-d8	8.70	98	844983	41.21	ug/l	-0.02
Spiked Amount						
			Recovery	=	82.42%	
62) 4-Bromofluorobenzene	11.93	95	369872	43.37	ug/l	0.00
Spiked Amount						
			Recovery	=	86.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.33	85	210058	28.52	ug/l	98
3) Chloromethane	1.48	50	105934	27.64	ug/l	# 76
4) Vinyl Chloride	1.55	62	104511	26.28	ug/l	94
5) Bromomethane	1.79	94	34555	23.67	ug/l	92
6) Chloroethane	1.88	64	37839	20.65	ug/l	91
7) Trichlorofluoromethane	2.07	101	145430	25.36	ug/l	97
8) Diethyl Ether	2.34	74	31330	24.15	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.55	101	93216	26.16	ug/l	95
10) Methyl Iodide	2.68	142	100466	24.14	ug/l	# 93
11) Tert butyl alcohol	3.26	59	31700	108.23	ug/l	95
12) 1,1-Dichloroethene	2.54	96	72204	26.47	ug/l	99
13) Acrolein	2.47	56	37672	143.88	ug/l	98
14) Allyl chloride	2.91	41	161797	25.91	ug/l	94
15) Acrylonitrile	3.35	53	105273	117.11	ug/l	88
16) Acetone	2.60	43	141680	132.60	ug/l	94
17) Carbon Disulfide	2.74	76	221707	26.54	ug/l	98
18) Methyl Acetate	2.93	43	48713	19.79	ug/l	96
19) Methyl tert-butyl Ether	3.40	73	319268	23.78	ug/l	97
20) Methylene Chloride	3.06	84	97223	31.91	ug/l	95
21) trans-1,2-Dichloroethene	3.38	96	128789	26.70	ug/l	88
22) Diisopropyl ether	4.06	45	560339	23.85	ug/l	98
23) Vinyl Acetate	4.01	43	1527377	124.79	ug/l	100
24) 1,1-Dichloroethane	3.96	63	332039	24.70	ug/l	99
25) 2-Butanone	4.83	43	268385	119.91	ug/l	95
26) 2,2-Dichloropropane	4.79	77	283618	27.21	ug/l	97
27) cis-1,2-Dichloroethene	4.80	96	187293	23.11	ug/l	94
28) Bromochloromethane	5.13	49	139205	23.89	ug/l	97
29) Tetrahydrofuran	5.18	42	137208	112.07	ug/l	96
30) Chloroform	5.31	83	356043	24.30	ug/l	97
31) Cyclohexane	5.59	56	250767	26.43	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	304544	25.67	ug/l	93
36) 1,1-Dichloropropene	5.74	75	240226	24.59	ug/l	99
37) Ethyl Acetate	4.92	43	128073	21.53	ug/l	97
38) Carbon Tetrachloride	5.72	117	257451	25.56	ug/l	99

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39) Methylcyclohexane	7.28	83	236619	25.54	ug/l	98
40) Benzene	6.01	78	567337	24.20	ug/l	100
41) Methacrylonitrile	5.12	41	69621	24.30	ug/l	95
42) 1,2-Dichloroethane	6.12	62	239749	23.15	ug/l	95
43) Isopropyl Acetate	7.62	43	166273	22.26	ug/l #	98
44) Trichloroethene	6.98	130	187365	24.41	ug/l	99
45) 1,2-Dichloropropane	7.34	63	152203	23.44	ug/l	92
46) Dibromomethane	7.46	93	105870	22.68	ug/l	96
47) Bromodichloromethane	7.74	83	252643	24.18	ug/l	96
48) Methyl methacrylate	7.50	41	103688	22.78	ug/l	91
49) 1,4-Dioxane	7.50	88	19113	418.74	ug/l #	77
51) 4-Methyl-2-Pentanone	8.59	43	574657	115.44	ug/l	100
52) Toluene	8.80	92	332424	23.75	ug/l	97
53) t-1,3-Dichloropropene	9.18	75	209829	24.04	ug/l	96
54) cis-1,3-Dichloropropene	8.35	75	245295	24.27	ug/l	96
55) 1,1,2-Trichloroethane	9.45	97	119161	23.45	ug/l	96
56) Ethyl methacrylate	9.31	69	135195	23.31	ug/l	98
57) 1,3-Dichloropropane	9.66	76	191485	23.04	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.19	63	323814	108.46	ug/l	99
59) 2-Hexanone	9.78	43	421620	119.17	ug/l	100
60) Dibromochloromethane	9.96	129	163792	23.01	ug/l	95
61) 1,2-Dibromoethane	10.09	107	128024	22.62	ug/l	96
64) Tetrachloroethene	9.52	164	174820	22.55	ug/l	97
65) Chlorobenzene	10.73	112	395387	24.47	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.84	131	152248	24.55	ug/l	96
67) Ethyl Benzene	10.85	91	667420	24.48	ug/l	99
68) m/p-Xylenes	11.01	106	481802	53.27	ug/l	94
69) o-Xylene	11.41	106	233838	26.15	ug/l	99
70) Styrene	11.44	104	377568	24.63	ug/l	99
71) Bromoform	11.60	173	118520	23.07	ug/l	99
73) Isopropylbenzene	11.77	105	648763	25.92	ug/l	100
74) N-amyl acetate	11.64	43	219579	23.06	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.07	83	135362	23.05	ug/l	99
76) 1,2,3-Trichloropropane	12.11	75	140289	22.93	ug/l	98
77) Bromobenzene	12.04	156	201708	25.60	ug/l	98
78) n-propylbenzene	12.15	91	838329	26.44	ug/l	98
79) 2-Chlorotoluene	12.21	91	476785	25.61	ug/l	99
80) 1,3,5-Trimethylbenzene	12.32	105	526068	26.40	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.84	75	34768	25.00	ug/l	95
82) 4-Chlorotoluene	12.32	91	563422	26.69	ug/l	100
83) tert-Butylbenzene	12.58	119	593251	27.99	ug/l	96
84) 1,2,4-Trimethylbenzene	12.63	105	542752	25.74	ug/l	100
85) sec-Butylbenzene	12.75	105	657727	25.29	ug/l	100
86) p-Isopropyltoluene	12.88	119	554822	26.47	ug/l	99
87) 1,3-Dichlorobenzene	12.84	146	330995	25.54	ug/l	99
88) 1,4-Dichlorobenzene	12.93	146	333078	26.04	ug/l	94
89) n-Butylbenzene	13.20	91	583164	28.18	ug/l	97
90) Hexachloroethane	13.40	117	140590	26.88	ug/l	71
91) 1,2-Dichlorobenzene	13.20	146	277553	25.26	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	13.78	75	22865	23.61	ug/l #	39

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	278412	27.40	ug/l	98
94) Hexachlorobutadiene	14.44	225	200333	26.20	ug/l	98
95) Naphthalene	14.52	128	337904	23.86	ug/l	97
96) 1,2,3-Trichlorobenzene	14.66	180	225125	24.65	ug/l	98

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

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