

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060618\
 Data File : VD057958.D
 Acq On : 6 Jun 2018 18:22
 Operator : JC/SY
 Sample : VSTDIC010
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Jun 07 08:20:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:19:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	924634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	1253514	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	998023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	512201	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	100307	10.85	ug/l	0.00
Spiked Amount			Recovery	=	21.70%	
35) Dibromofluoromethane	5.55	113	103465	10.67	ug/l	0.00
Spiked Amount			Recovery	=	21.34%	
50) Toluene-d8	8.72	98	263157	11.41	ug/l	0.00
Spiked Amount			Recovery	=	22.82%	
62) 4-Bromofluorobenzene	11.93	95	114536	11.39	ug/l	0.00
Spiked Amount			Recovery	=	22.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.35	85	138142	11.13	ug/l	99
3) Chloromethane	1.49	50	66899	10.95	ug/l	99
4) Vinyl Chloride	1.56	62	61335	10.37	ug/l	100
5) Bromomethane	1.80	94	26079	11.25	ug/l	100
6) Chloroethane	1.89	64	27049	11.59	ug/l	95
7) Trichlorofluoromethane	2.10	101	90213	11.16	ug/l	98
8) Diethyl Ether	2.36	74	15314	10.19	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.56	101	49818	10.33	ug/l	92
10) Methyl Iodide	2.70	142	60731	9.76	ug/l	93
11) Tert butyl alcohol	3.26	59	10603	42.82	ug/l #	74
12) 1,1-Dichloroethene	2.55	96	37850	10.21	ug/l #	62
13) Acrolein	2.48	56	18255	51.47	ug/l	99
14) Allyl chloride	2.93	41	88039	10.29	ug/l	95
15) Acrylonitrile	3.37	53	73597	50.80	ug/l	99
16) Acetone	2.62	43	64786	48.64	ug/l	97
17) Carbon Disulfide	2.76	76	138671	10.32	ug/l	97
18) Methyl Acetate	2.95	43	24448	9.49	ug/l #	86
19) Methyl tert-butyl Ether	3.41	73	167401	10.26	ug/l	95
20) Methylene Chloride	3.07	84	46927	10.31	ug/l	96
21) trans-1,2-Dichloroethene	3.40	96	91528	11.08	ug/l	99
22) Diisopropyl ether	4.08	45	360118	10.63	ug/l	97
23) Vinyl Acetate	4.02	43	858926	49.05	ug/l	98
24) 1,1-Dichloroethane	3.98	63	198665	10.67	ug/l #	96
25) 2-Butanone	4.84	43	145172	47.96	ug/l	96
26) 2,2-Dichloropropane	4.81	77	161195	10.51	ug/l	99
27) cis-1,2-Dichloroethene	4.82	96	106044	10.82	ug/l	94
28) Bromochloromethane	5.15	49	87090	10.80	ug/l	94
29) Tetrahydrofuran	5.19	42	78605	49.54	ug/l	99
30) Chloroform	5.33	83	199886	10.66	ug/l	95
31) Cyclohexane	5.59	56	179939	11.19	ug/l	96
32) 1,1,1-Trichloroethane	5.52	97	154294	9.83	ug/l	98
36) 1,1-Dichloropropene	5.75	75	145345	10.52	ug/l	97
37) Ethyl Acetate	4.92	43	73498	9.75	ug/l #	94
38) Carbon Tetrachloride	5.73	117	142711	10.49	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.29	83	145632	10.64	ug/l	99
40) Benzene	6.02	78	343738	10.65	ug/l	99
41) Methacrylonitrile	5.13	41	31209	9.06	ug/l	97
42) 1,2-Dichloroethane	6.14	62	127478	9.77	ug/l	95
43) Isopropyl Acetate	7.62	43	93423	9.46	ug/l #	99
44) Trichloroethene	6.99	130	97114	10.31	ug/l	90
45) 1,2-Dichloropropane	7.36	63	91645	10.22	ug/l	94
46) Dibromomethane	7.46	93	57620	10.00	ug/l	96
47) Bromodichloromethane	7.75	83	134064	9.94	ug/l	94
48) Methyl methacrylate	7.50	41	60227	9.91	ug/l	94
49) 1,4-Dioxane	7.49	88	9735	193.43	ug/l #	75
51) 4-Methyl-2-Pentanone	8.60	43	321190	50.73	ug/l	98
52) Toluene	8.80	92	197544	10.67	ug/l	100
53) t-1,3-Dichloropropene	9.19	75	116573	10.03	ug/l	100
54) cis-1,3-Dichloropropene	8.36	75	133528	9.75	ug/l	94
55) 1,1,2-Trichloroethane	9.45	97	61858	10.32	ug/l	94
56) Ethyl methacrylate	9.32	69	72787	9.90	ug/l	98
57) 1,3-Dichloropropane	9.67	76	103271	9.83	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.19	63	190412	51.27	ug/l	99
59) 2-Hexanone	9.79	43	235122	50.68	ug/l	99
60) Dibromochloromethane	9.96	129	77830	9.21	ug/l	93
61) 1,2-Dibromoethane	10.09	107	67053	9.73	ug/l	95
64) Tetrachloroethene	9.51	164	93086	10.43	ug/l	94
65) Chlorobenzene	10.72	112	209999	10.39	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.85	131	79471	10.24	ug/l	98
67) Ethyl Benzene	10.86	91	400365	10.97	ug/l	100
68) m/p-Xylenes	11.01	106	255603	21.48	ug/l	100
69) o-Xylene	11.40	106	130230	11.03	ug/l	94
70) Styrene	11.43	104	213695	10.93	ug/l	98
71) Bromoform	11.60	173	52811	9.04	ug/l	96
73) Isopropylbenzene	11.78	105	368396	10.86	ug/l	98
74) N-amyl acetate	11.65	43	126706	9.68	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.07	83	74911	10.13	ug/l	94
76) 1,2,3-Trichloropropane	12.11	75	82916	10.78	ug/l	94
77) Bromobenzene	12.04	156	102865	10.24	ug/l	87
78) n-propylbenzene	12.15	91	491590	11.14	ug/l	94
79) 2-Chlorotoluene	12.21	91	272562	10.82	ug/l	96
80) 1,3,5-Trimethylbenzene	12.32	105	292614	9.00	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.85	75	16011	8.40	ug/l	87
82) 4-Chlorotoluene	12.33	91	306620	11.15	ug/l	87
83) tert-Butylbenzene	12.57	119	316869	10.61	ug/l	94
84) 1,2,4-Trimethylbenzene	12.62	105	307103	10.80	ug/l	99
85) sec-Butylbenzene	12.75	105	378127	10.49	ug/l	99
86) p-Isopropyltoluene	12.89	119	304461	10.48	ug/l	96
87) 1,3-Dichlorobenzene	12.84	146	174644	10.28	ug/l	99
88) 1,4-Dichlorobenzene	12.93	146	173632	10.49	ug/l	97
89) n-Butylbenzene	13.19	91	334631	11.19	ug/l	96
90) Hexachloroethane	13.40	117	70904	9.56	ug/l	83
91) 1,2-Dichlorobenzene	13.19	146	151364	11.03	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.78	75	10525	9.22	ug/l	66

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	135199	10.54	ug/l	97
94) Hexachlorobutadiene	14.43	225	101400	10.05	ug/l	99
95) Naphthalene	14.51	128	161404	9.76	ug/l	98
96) 1,2,3-Trichlorobenzene	14.66	180	108386	9.92	ug/l	96

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

