

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
 Data File : VD058314.D
 Acq On : 22 Jun 2018 23:34
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 23 00:05:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	885655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1201897	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	974972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	492971	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	535721	59.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.78%	
35) Dibromofluoromethane	5.55	113	538895	55.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.18%	
50) Toluene-d8	8.71	98	1253443	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
62) 4-Bromofluorobenzene	11.93	95	538562	55.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.34	85	425957	51.57	ug/l	98
3) Chloromethane	1.48	50	193724	50.14	ug/l	96
4) Vinyl Chloride	1.55	62	233082	50.24	ug/l	97
5) Bromomethane	1.80	94	98015	67.19	ug/l	95
6) Chloroethane	1.88	64	100082	60.65	ug/l	100
7) Trichlorofluoromethane	2.08	101	343347	53.97	ug/l	96
8) Diethyl Ether	2.34	74	78631	58.44	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.55	101	212759	52.61	ug/l	94
10) Methyl Iodide	2.69	142	248889	54.11	ug/l	96
11) Tert butyl alcohol	3.26	59	88190	298.90	ug/l #	82
12) 1,1-Dichloroethene	2.55	96	159870	52.54	ug/l	90
13) Acrolein	2.47	56	22742	135.02	ug/l	93
14) Allyl chloride	2.92	41	376847	53.21	ug/l	98
15) Acrylonitrile	3.35	53	243001	310.61	ug/l	95
16) Acetone	2.61	43	281738	230.29	ug/l	95
17) Carbon Disulfide	2.75	76	498142	48.12	ug/l	97
18) Methyl Acetate	2.93	43	138414	53.05	ug/l	94
19) Methyl tert-butyl Ether	3.40	73	716477	88.78	ug/l	99
20) Methylene Chloride	3.07	84	181200	57.44	ug/l	97
21) trans-1,2-Dichloroethene	3.39	96	237102	71.30	ug/l	91
22) Diisopropyl ether	4.07	45	1475640	52.46	ug/l	97
23) Vinyl Acetate	4.01	43	3964566	262.94	ug/l	100
24) 1,1-Dichloroethane	3.96	63	817296	53.94	ug/l	99
25) 2-Butanone	4.83	43	668188	250.59	ug/l	99
26) 2,2-Dichloropropane	4.79	77	634846	50.03	ug/l	97
27) cis-1,2-Dichloroethene	4.80	96	439749	52.92	ug/l	97
28) Bromochloromethane	5.15	49	367519	54.10	ug/l #	86
29) Tetrahydrofuran	5.19	42	355152	250.23	ug/l	99
30) Chloroform	5.32	83	878934	54.94	ug/l	96
31) Cyclohexane	5.59	56	556334	50.63	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	723832	54.76	ug/l	97
36) 1,1-Dichloropropene	5.75	75	555944	46.76	ug/l	98
37) Ethyl Acetate	4.92	43	321850	47.51	ug/l	99
38) Carbon Tetrachloride	5.72	117	604847	51.20	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	546315	47.17	ug/l	96
40) Benzene	6.01	78	1315258	46.44	ug/l	99
41) Methacrylonitrile	5.13	41	164688	50.34	ug/l	98
42) 1,2-Dichloroethane	6.13	62	601383	52.66	ug/l	99
43) Isopropyl Acetate	7.62	43	455578	50.44	ug/l	99
44) Trichloroethene	6.98	130	424020	49.86	ug/l	94
45) 1,2-Dichloropropane	7.35	63	394637	51.74	ug/l	98
46) Dibromomethane	7.46	93	259162	49.77	ug/l	96
47) Bromodichloromethane	7.75	83	626455	52.76	ug/l	100
48) Methyl methacrylate	7.50	41	283118	51.58	ug/l	92
49) 1,4-Dioxane	7.49	88	53482	1079.36	ug/l #	84
51) 4-Methyl-2-Pentanone	8.59	43	1469695	249.48	ug/l	96
52) Toluene	8.80	92	790121	48.99	ug/l	99
53) t-1,3-Dichloropropene	9.18	75	524572	50.81	ug/l	99
54) cis-1,3-Dichloropropene	8.36	75	610948	50.48	ug/l	95
55) 1,1,2-Trichloroethane	9.46	97	290784	50.96	ug/l	95
56) Ethyl methacrylate	9.31	69	363831	53.32	ug/l	98
57) 1,3-Dichloropropane	9.66	76	486649	50.63	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.19	63	826491	244.65	ug/l	97
59) 2-Hexanone	9.78	43	1083803	254.60	ug/l	99
60) Dibromochloromethane	9.96	129	414018	53.47	ug/l	97
61) 1,2-Dibromoethane	10.09	107	339618	54.38	ug/l	100
64) Tetrachloroethene	9.52	164	422856	51.55	ug/l	98
65) Chlorobenzene	10.72	112	943643	51.74	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.85	131	353343	50.21	ug/l	99
67) Ethyl Benzene	10.86	91	1557654	48.38	ug/l	100
68) m/p-Xylenes	11.01	106	1056941	98.44	ug/l	99
69) o-Xylene	11.41	106	519779	50.69	ug/l	100
70) Styrene	11.43	104	910697	52.04	ug/l	98
71) Bromoform	11.60	173	304529	54.24	ug/l	99
73) Isopropylbenzene	11.77	105	1502737	50.96	ug/l	100
74) N-amyl acetate	11.64	43	599819	52.61	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.08	83	362521	52.83	ug/l	99
76) 1,2,3-Trichloropropane	12.11	75	363080	50.45	ug/l	99
77) Bromobenzene	12.04	156	464559	52.61	ug/l	87
78) n-propylbenzene	12.16	91	1907455	50.09	ug/l	100
79) 2-Chlorotoluene	12.21	91	1111473	51.01	ug/l	96
80) 1,3,5-Trimethylbenzene	12.32	105	1183907	51.48	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.84	75	91386	52.06	ug/l	95
82) 4-Chlorotoluene	12.32	91	1242172	59.53	ug/l	92
83) tert-Butylbenzene	12.58	119	1354404	51.22	ug/l	97
84) 1,2,4-Trimethylbenzene	12.63	105	1283174	51.33	ug/l	98
85) sec-Butylbenzene	12.76	105	1600238	51.63	ug/l	98
86) p-Isopropyltoluene	12.88	119	1312511	52.26	ug/l	99
87) 1,3-Dichlorobenzene	12.84	146	781218	50.90	ug/l	99
88) 1,4-Dichlorobenzene	12.92	146	771070	51.45	ug/l	95
89) n-Butylbenzene	13.20	91	1202298	45.55	ug/l	98
90) Hexachloroethane	13.40	117	329914	50.61	ug/l	75
91) 1,2-Dichlorobenzene	13.19	146	595532	45.60	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.77	75	58815	53.86	ug/l	65

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	638053	51.08	ug/l	99
94) Hexachlorobutadiene	14.43	225	469921	48.10	ug/l	98
95) Naphthalene	14.52	128	831973	50.56	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	544553	49.80	ug/l	95

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

