

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070218\
 Data File : VD059522.D
 Acq On : 3 Jul 2018 1:12
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 03 09:09:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 09:04:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	644182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.66	114	916692	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	720304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.89	152	380263	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.99	65	421133	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.12%		
35) Dibromofluoromethane	5.52	113	405738	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.24%		
50) Toluene-d8	8.69	98	924545	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.32%		
62) 4-Bromofluorobenzene	11.92	95	382869	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.40%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.33	85	487958	59.47	ug/l	97
3) Chloromethane	1.47	50	222050	57.12	ug/l	99
4) Vinyl Chloride	1.53	62	232023	59.83	ug/l	96
5) Bromomethane	1.78	94	91419	62.26	ug/l	96
6) Chloroethane	1.87	64	107285	61.48	ug/l	95
7) Trichlorofluoromethane	2.06	101	373601	58.24	ug/l	98
8) Diethyl Ether	2.32	74	69241	56.37	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.53	101	225380	57.74	ug/l	92
10) Methyl Iodide	2.67	142	242061	62.22	ug/l	96
11) Tert butyl alcohol	3.24	59	76150	273.37	ug/l #	92
12) 1,1-Dichloroethene	2.52	96	172175	57.74	ug/l	90
13) Acrolein	2.45	56	27918	175.90	ug/l	92
14) Allyl chloride	2.90	41	369046	56.06	ug/l	96
15) Acrylonitrile	3.33	53	205615	267.04	ug/l	98
16) Acetone	2.59	43	288794	255.46	ug/l	97
17) Carbon Disulfide	2.73	76	573694	55.22	ug/l	99
18) Methyl Acetate	2.91	43	120113	53.59	ug/l	95
19) Methyl tert-butyl Ether	3.37	73	397533	51.57	ug/l	97
20) Methylene Chloride	3.04	84	174228	39.78	ug/l	91
21) trans-1,2-Dichloroethene	3.35	96	180274	54.74	ug/l	96
22) Diisopropyl ether	4.04	45	1237473	51.55	ug/l	94
23) Vinyl Acetate	3.98	43	3590071	271.06	ug/l	98
24) 1,1-Dichloroethane	3.94	63	737808	54.29	ug/l	99
25) 2-Butanone	4.81	43	599890	255.12	ug/l	99
26) 2,2-Dichloropropane	4.77	77	572309	51.51	ug/l	97
27) cis-1,2-Dichloroethene	4.78	96	389325	54.60	ug/l	93
28) Bromochloromethane	5.12	49	249861	47.93	ug/l	95
29) Tetrahydrofuran	5.17	42	299651	250.24	ug/l	99
30) Chloroform	5.29	83	770443	53.74	ug/l	97
31) Cyclohexane	5.56	56	532090	56.46	ug/l	93
32) 1,1,1-Trichloroethane	5.48	97	627725	55.27	ug/l	96
36) 1,1-Dichloropropene	5.72	75	536006	54.45	ug/l	99
37) Ethyl Acetate	4.90	43	305762	55.84	ug/l	96
38) Carbon Tetrachloride	5.70	117	550021	56.84	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.26	83	519411	57.93	ug/l	98
40) Benzene	5.98	78	1167378	51.53	ug/l	100
41) Methacrylonitrile	5.10	41	147765	53.20	ug/l	95
42) 1,2-Dichloroethane	6.10	62	570594	56.30	ug/l	98
43) Isopropyl Acetate	7.60	43	409427	56.51	ug/l #	98
44) Trichloroethene	6.96	130	390243	56.75	ug/l	97
45) 1,2-Dichloropropane	7.32	63	347622	54.89	ug/l	94
46) Dibromomethane	7.44	93	236845	55.26	ug/l	92
47) Bromodichloromethane	7.72	83	567747	56.91	ug/l	98
48) Methyl methacrylate	7.48	41	252534	55.89	ug/l	93
49) 1,4-Dioxane	7.47	88	47843	1136.28	ug/l	95
51) 4-Methyl-2-Pentanone	8.58	43	1275614	269.60	ug/l	99
52) Toluene	8.78	92	668812	53.48	ug/l	98
53) t-1,3-Dichloropropene	9.16	75	493765	56.83	ug/l	95
54) cis-1,3-Dichloropropene	8.35	75	531780	52.78	ug/l	99
55) 1,1,2-Trichloroethane	9.44	97	248826	54.25	ug/l	96
56) Ethyl methacrylate	9.29	69	313175	54.50	ug/l	95
57) 1,3-Dichloropropane	9.64	76	436772	52.86	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.17	63	724178	260.57	ug/l	95
59) 2-Hexanone	9.76	43	899524	258.48	ug/l	98
60) Dibromochloromethane	9.94	129	363287	56.75	ug/l	97
61) 1,2-Dibromoethane	10.08	107	274613	54.09	ug/l	97
64) Tetrachloroethene	9.50	164	377322	60.90	ug/l	96
65) Chlorobenzene	10.71	112	741874	53.46	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.84	131	306864	54.31	ug/l	99
67) Ethyl Benzene	10.85	91	1339806	54.45	ug/l	98
68) m/p-Xylenes	10.99	106	892610	109.96	ug/l	98
69) o-Xylene	11.39	106	421822	53.93	ug/l	96
70) Styrene	11.42	104	695067	53.01	ug/l	98
71) Bromoform	11.58	173	246957	57.90	ug/l	96
73) Isopropylbenzene	11.76	105	1202004	52.90	ug/l	97
74) N-amyl acetate	11.63	43	522303	54.46	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.07	83	302071	51.30	ug/l	98
76) 1,2,3-Trichloropropane	12.10	75	323134	52.66	ug/l	99
77) Bromobenzene	12.03	156	381896	53.54	ug/l	99
78) n-propylbenzene	12.15	91	1583773	52.03	ug/l	100
79) 2-Chlorotoluene	12.20	91	984185	54.97	ug/l	95
80) 1,3,5-Trimethylbenzene	12.31	105	947920	51.32	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.83	75	76463	46.87	ug/l	90
82) 4-Chlorotoluene	12.31	91	1029569	50.74	ug/l	99
83) tert-Butylbenzene	12.57	119	1112307	52.94	ug/l	97
84) 1,2,4-Trimethylbenzene	12.62	105	1008736	50.84	ug/l	99
85) sec-Butylbenzene	12.75	105	1285482	53.31	ug/l	100
86) p-Isopropyltoluene	12.87	119	1085393	53.66	ug/l	98
87) 1,3-Dichlorobenzene	12.83	146	639971	52.41	ug/l	95
88) 1,4-Dichlorobenzene	12.91	146	634019	52.89	ug/l	98
89) n-Butylbenzene	13.19	91	1109767	53.80	ug/l	97
90) Hexachloroethane	13.40	117	302304	57.69	ug/l	68
91) 1,2-Dichlorobenzene	13.18	146	509648	49.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.76	75	51876	51.11	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	482813	53.03	ug/l	99
94) Hexachlorobutadiene	14.43	225	376374	54.04	ug/l	98
95) Naphthalene	14.51	128	711563	52.54	ug/l	100
96) 1,2,3-Trichlorobenzene	14.66	180	423235	52.86	ug/l	98

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

