

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060818\
 Data File : VD058036.D
 Acq On : 9 Jun 2018 1:13
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 09 02:26:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	869666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	1174723	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	969169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	482710	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	436546	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.42%		
35) Dibromofluoromethane	5.54	113	457326	50.32	ug/l	-0.02
Spiked Amount 50.000			Recovery =	100.64%		
50) Toluene-d8	8.70	98	1031362	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.46%		
62) 4-Bromofluorobenzene	11.93	95	449575	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.38%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.35	85	552767	47.36	ug/l	99
3) Chloromethane	1.48	50	276432	48.09	ug/l	95
4) Vinyl Chloride	1.55	62	289857	52.09	ug/l	94
5) Bromomethane	1.80	94	116625	53.48	ug/l	98
6) Chloroethane	1.88	64	128522	58.54	ug/l	99
7) Trichlorofluoromethane	2.09	101	413298	54.34	ug/l	100
8) Diethyl Ether	2.34	74	78134	55.30	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.56	101	242793	53.51	ug/l	98
10) Methyl Iodide	2.69	142	310744	53.08	ug/l	96
11) Tert butyl alcohol	3.26	59	76258	327.41	ug/l	97
12) 1,1-Dichloroethene	2.55	96	186553	53.49	ug/l	98
13) Acrolein	2.47	56	73690	220.92	ug/l	92
14) Allyl chloride	2.92	41	417528	51.89	ug/l	97
15) Acrylonitrile	3.37	53	320509	235.22	ug/l	99
16) Acetone	2.61	43	284040	226.75	ug/l	98
17) Carbon Disulfide	2.75	76	651995	51.60	ug/l	100
18) Methyl Acetate	2.93	43	132674	54.75	ug/l	95
19) Methyl tert-butyl Ether	3.40	73	815369	53.13	ug/l	99
20) Methylene Chloride	3.06	84	187544	54.96	ug/l	# 90
21) trans-1,2-Dichloroethene	3.38	96	379289	48.82	ug/l	99
22) Diisopropyl ether	4.06	45	1689216	52.99	ug/l	97
23) Vinyl Acetate	4.01	43	4552427	276.41	ug/l	100
24) 1,1-Dichloroethane	3.97	63	929370	53.05	ug/l	99
25) 2-Butanone	4.83	43	715864	251.46	ug/l	# 92
26) 2,2-Dichloropropane	4.79	77	673094	46.64	ug/l	92
27) cis-1,2-Dichloroethene	4.79	96	480341	52.13	ug/l	100
28) Bromochloromethane	5.14	49	415145	54.75	ug/l	100
29) Tetrahydrofuran	5.18	42	403312	270.26	ug/l	99
30) Chloroform	5.31	83	898898	50.98	ug/l	99
31) Cyclohexane	5.58	56	699932	46.30	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	753792	51.06	ug/l	97
36) 1,1-Dichloropropene	5.74	75	663413	51.26	ug/l	98
37) Ethyl Acetate	4.92	43	387086	54.81	ug/l	98
38) Carbon Tetrachloride	5.72	117	664346	52.08	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.27	83	681818	53.14	ug/l	97
40) Benzene	6.00	78	1609691	53.24	ug/l	99
41) Methacrylonitrile	5.12	41	192334	59.56	ug/l	96
42) 1,2-Dichloroethane	6.12	62	653647	53.47	ug/l	98
43) Isopropyl Acetate	7.61	43	511653	55.31	ug/l	99
44) Trichloroethene	6.98	130	464525	52.60	ug/l	97
45) 1,2-Dichloropropane	7.34	63	435786	51.86	ug/l	97
46) Dibromomethane	7.45	93	288923	53.52	ug/l	94
47) Bromodichloromethane	7.74	83	683193	54.05	ug/l	94
48) Methyl methacrylate	7.50	41	306927	53.91	ug/l	97
49) 1,4-Dioxane	7.48	88	52095	1104.53	ug/l	97
51) 4-Methyl-2-Pentanone	8.59	43	1606980	270.85	ug/l	98
52) Toluene	8.80	92	894468	51.55	ug/l	100
53) t-1,3-Dichloropropene	9.18	75	595799	54.71	ug/l	100
54) cis-1,3-Dichloropropene	8.36	75	681964	53.16	ug/l	96
55) 1,1,2-Trichloroethane	9.45	97	297646	53.00	ug/l	97
56) Ethyl methacrylate	9.31	69	373649	54.24	ug/l	95
57) 1,3-Dichloropropane	9.66	76	548256	55.66	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.18	63	922077	264.94	ug/l	97
59) 2-Hexanone	9.78	43	1163770	267.66	ug/l	100
60) Dibromochloromethane	9.95	129	438989	55.43	ug/l	100
61) 1,2-Dibromoethane	10.09	107	347105	53.75	ug/l	91
64) Tetrachloroethene	9.51	164	460663	53.17	ug/l	98
65) Chlorobenzene	10.72	112	988208	50.37	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.85	131	372348	49.40	ug/l	97
67) Ethyl Benzene	10.86	91	1688170	47.63	ug/l	100
68) m/p-Xylenes	11.01	106	1137261	98.42	ug/l	92
69) o-Xylene	11.40	106	569398	49.64	ug/l	98
70) Styrene	11.43	104	962109	50.67	ug/l	99
71) Bromoform	11.59	173	308413	54.39	ug/l	96
73) Isopropylbenzene	11.77	105	1607516	50.28	ug/l	99
74) N-amyl acetate	11.64	43	640523	51.92	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.08	83	370937	53.21	ug/l	99
76) 1,2,3-Trichloropropane	12.11	75	381898	52.67	ug/l	97
77) Bromobenzene	12.04	156	492403	52.03	ug/l	84
78) n-propylbenzene	12.15	91	2053544	49.36	ug/l	97
79) 2-Chlorotoluene	12.22	91	1194994	50.35	ug/l	97
80) 1,3,5-Trimethylbenzene	12.31	105	1218588	48.87	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.84	75	98892	55.06	ug/l	99
82) 4-Chlorotoluene	12.32	91	1243649	54.14	ug/l	95
83) tert-Butylbenzene	12.57	119	1393426	49.49	ug/l	88
84) 1,2,4-Trimethylbenzene	12.62	105	1341609	50.04	ug/l	96
85) sec-Butylbenzene	12.76	105	1685457	49.60	ug/l	98
86) p-Isopropyltoluene	12.88	119	1320946	48.23	ug/l	98
87) 1,3-Dichlorobenzene	12.84	146	819876	51.21	ug/l	96
88) 1,4-Dichlorobenzene	12.92	146	790919	50.71	ug/l	96
89) n-Butylbenzene	13.19	91	1353873	55.35	ug/l	98
90) Hexachloroethane	13.40	117	360210	51.53	ug/l	75
91) 1,2-Dichlorobenzene	13.19	146	646352	49.96	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.77	75	61674	57.33	ug/l	80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	623517	51.59	ug/l	96
94) Hexachlorobutadiene	14.43	225	473530	49.81	ug/l	97
95) Naphthalene	14.51	128	843603	54.13	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	523223	50.79	ug/l	97

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

