

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060718\
 Data File : VD057988.D
 Acq On : 7 Jun 2018 23:52
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 6/8/2018 9:44:21 AM

Quant Time: Jun 08 08:13:48 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	5.63	168	900903	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.69	114	1214096	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	1002019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	498253	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	483709	53.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.42%	
35) Dibromofluoromethane	5.54	113	484565	51.58	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.16%	
50) Toluene-d8	8.70	98	1148988	51.45	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	102.90%	
62) 4-Bromofluorobenzene	11.92	95	501388	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.35	85	567886	46.966	ug/l	97
3) Chloromethane	1.49	50	284492	47.774	ug/l	98
4) Vinyl Chloride	1.57	62	284999	49.442	ug/l	97
5) Bromomethane	1.80	94	113133	50.077	ug/l	92
6) Chloroethane	1.89	64	128199	56.371	ug/l	95
7) Trichlorofluoromethane	2.09	101	408844	51.887	ug/l	99
8) Diethyl Ether	2.36	74	83149	56.805	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.56	101	247166	52.590	ug/l	97
10) Methyl Iodide	2.70	142	322101	53.114	ug/l	93
11) Tert butyl alcohol	3.27	59	61068m	253.101	ug/l	
12) 1,1-Dichloroethene	2.55	96	192019	53.144	ug/l	95
13) Acrolein	2.47	56	81910	237.046	ug/l	98
14) Allyl chloride	2.93	41	431383	51.756	ug/l	99
15) Acrylonitrile	3.36	53	382208	270.777	ug/l	98
16) Acetone	2.62	43	318346	245.328	ug/l	98
17) Carbon Disulfide	2.76	76	693678	52.996	ug/l	98
18) Methyl Acetate	2.94	43	131629m	52.437	ug/l	
19) Methyl tert-butyl Ether	3.41	73	840265	52.851	ug/l	100
20) Methylene Chloride	3.07	84	208752	58.717	ug/l	95
21) trans-1,2-Dichloroethene	3.39	96	401165	49.848	ug/l	97
22) Diisopropyl ether	4.07	45	1777133	53.819	ug/l	94
23) Vinyl Acetate	4.02	43	4851219	284.343	ug/l	100
24) 1,1-Dichloroethane	3.97	63	926198	51.036	ug/l	99
25) 2-Butanone	4.84	43	787583	267.064	ug/l	95
26) 2,2-Dichloropropane	4.80	77	713020	47.695	ug/l	98
27) cis-1,2-Dichloroethene	4.80	96	489062	51.238	ug/l	97
28) Bromochloromethane	5.14	49	449082	57.174	ug/l	100
29) Tetrahydrofuran	5.18	42	438684	283.771	ug/l	99
30) Chloroform	5.32	83	975808	53.427	ug/l	100
31) Cyclohexane	5.59	56	728705	46.529	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	780807	51.058	ug/l	97
36) 1,1-Dichloropropene	5.74	75	699590	52.301	ug/l	99
37) Ethyl Acetate	4.92	43	387875	53.143	ug/l #	95
38) Carbon Tetrachloride	5.72	117	680876	51.649	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	669027	50.455	ug/l	98
40) Benzene	6.01	78	1590341	50.895	ug/l	99
41) Methacrylonitrile	5.12	41	212421	63.652	ug/l	98
42) 1,2-Dichloroethane	6.13	62	684468	54.177	ug/l	98
43) Isopropyl Acetate	7.60	43	560251	58.603	ug/l	100
44) Trichloroethene	6.97	130	467558	51.227	ug/l	98
45) 1,2-Dichloropropane	7.34	63	455112	52.404	ug/l	97
46) Dibromomethane	7.45	93	308304	55.261	ug/l	94
47) Bromodichloromethane	7.73	83	711282	54.451	ug/l	96
48) Methyl methacrylate	7.49	41	325302	55.285	ug/l	98
49) 1,4-Dioxane	7.48	88	53098	1089.286	ug/l	94
51) 4-Methyl-2-Pentanone	8.59	43	1758986	286.856	ug/l	99
52) Toluene	8.79	92	887449	49.486	ug/l	98
53) t-1,3-Dichloropropene	9.18	75	613623	54.524	ug/l	96
54) cis-1,3-Dichloropropene	8.35	75	734839	55.423	ug/l	97
55) 1,1,2-Trichloroethane	9.44	97	312451	53.834	ug/l	97
56) Ethyl methacrylate	9.31	69	402520	56.538	ug/l	96
57) 1,3-Dichloropropane	9.65	76	576875	56.670	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.18	63	1048619	291.531	ug/l	100
59) 2-Hexanone	9.78	43	1247629	277.638	ug/l	99
60) Dibromochloromethane	9.95	129	458991	56.081	ug/l	100
61) 1,2-Dibromoethane	10.08	107	370827	55.558	ug/l	94
64) Tetrachloroethene	9.50	164	450830	50.327	ug/l	99
65) Chlorobenzene	10.71	112	1009246	49.753	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.84	131	392486	50.360	ug/l	99
67) Ethyl Benzene	10.85	91	1749846	47.748	ug/l	100
68) m/p-Xylenes	11.01	106	1166030	97.599	ug/l	95
69) o-Xylene	11.40	106	593436	50.042	ug/l	99
70) Styrene	11.42	104	978832	49.860	ug/l	98
71) Bromoform	11.59	173	333419	56.869	ug/l	97
73) Isopropylbenzene	11.77	105	1650158	50.002	ug/l	100
74) N-amyl acetate	11.64	43	677805	53.226	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.07	83	374584	52.060	ug/l	99
76) 1,2,3-Trichloropropane	12.10	75	401281	53.615	ug/l	96
77) Bromobenzene	12.03	156	502661	51.457	ug/l	93
78) n-propylbenzene	12.15	91	2008990	46.782	ug/l	100
79) 2-Chlorotoluene	12.21	91	1272826	51.954	ug/l	99
80) 1,3,5-Trimethylbenzene	12.31	105	1284619	49.913	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.84	75	105883	57.117	ug/l	95
82) 4-Chlorotoluene	12.32	91	1343480	56.822	ug/l	100
83) tert-Butylbenzene	12.57	119	1448898	49.857	ug/l	99
84) 1,2,4-Trimethylbenzene	12.62	105	1388993	50.194	ug/l	100
85) sec-Butylbenzene	12.75	105	1739487	49.597	ug/l	100
86) p-Isopropyltoluene	12.88	119	1417539	50.147	ug/l	99
87) 1,3-Dichlorobenzene	12.84	146	838287	50.730	ug/l	97
88) 1,4-Dichlorobenzene	12.92	146	821214	51.006	ug/l	94
89) n-Butylbenzene	13.18	91	1431046	56.796	ug/l	97
90) Hexachloroethane	13.39	117	386533	53.574	ug/l	67
91) 1,2-Dichlorobenzene	13.18	146	693835	51.957	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.76	75	67808	61.062	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	662201	53.077	ug/l	99
94) Hexachlorobutadiene	14.42	225	507617	51.727	ug/l	98
95) Naphthalene	14.51	128	887075	55.146	ug/l	98
96) 1,2,3-Trichlorobenzene	14.65	180	557984	52.479	ug/l	98

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

