Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062818\
Data File : VD059461.D
Acq On : 28 Jun 2018 14:11
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VSTDCCC050

Quant Time: Jun 29 01:25:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	906878	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.70	114	1195633	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.70	117	944967	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.92	152	479404	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.02	65	375818	40.52	ug/l		0.00
Spiked Amount 50.000			Recovery = 81.04%				
35) Dibromofluoromethane	5.56	113	405559	41.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 83.28%				
50) Toluene-d8	8.72	98	912009	40.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 80.12%				
62) 4-Bromofluorobenzene	11.94	95	390949	41.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 82.56%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.35	85	363867	45.10	ug/l		94
3) Chloromethane	1.49	50	169976	40.48	ug/l		93
4) Vinyl Chloride	1.56	62	184504	42.36	ug/l	#	88
5) Bromomethane	1.80	94	77359	51.89	ug/l		96
6) Chloroethane	1.89	64	93635	50.50	ug/l		95
7) Trichlorofluoromethane	2.09	101	329784	52.51	ug/l		99
8) Diethyl Ether	2.35	74	62060	43.67	ug/l		96
9) 1,1,2-Trichlorotrifluoroet	2.56	101	210940	54.04	ug/l		93
10) Methyl Iodide	2.70	142	218225	47.87	ug/l		98
11) Tert butyl alcohol	3.27	59	71310	222.26	ug/l		99
12) 1,1-Dichloroethene	2.55	96	152136	50.91	ug/l		90
13) Acrolein	2.47	56	108771	379.23	ug/l		94
14) Allyl chloride	2.92	41	327707	47.91	ug/l		96
15) Acrylonitrile	3.38	53	256441	260.43	ug/l		95
16) Acetone	2.62	43	330639	282.48	ug/l		94
17) Carbon Disulfide	2.77	76	411572	44.97	ug/l		96
18) Methyl Acetate	2.94	43	120655	48.36	ug/l		99
19) Methyl tert-butyl Ether	3.42	73	715625	48.65	ug/l		97
20) Methylene Chloride	3.08	84	160198	49.32	ug/l		98
21) trans-1,2-Dichloroethene	3.40	96	302426	57.24	ug/l		93
22) Diisopropyl ether	4.09	45	1180427	45.87	ug/l		97
23) Vinyl Acetate	4.03	43	3344189	249.42	ug/l		100
24) 1,1-Dichloroethane	3.98	63	713953	48.48	ug/l		98
25) 2-Butanone	4.84	43	585894	238.95	ug/l		99
26) 2,2-Dichloropropane	4.80	77	642512	56.26	ug/l		98
27) cis-1,2-Dichloroethene	4.81	96	399495	45.00	ug/l		99
28) Bromochloromethane	5.16	49	313316	49.08	ug/l		93
29) Tetrahydrofuran	5.20	42	271040	202.09	ug/l		91
30) Chloroform	5.34	83	796285	49.61	ug/l		97
31) Cyclohexane	5.60	56	479773	49.32	ug/l		98
32) 1,1,1-Trichloroethane	5.52	97	644522	49.59	ug/l		97
36) 1,1-Dichloropropene	5.76	75	527297	48.62	ug/l		99
37) Ethyl Acetate	4.93	43	282226	42.73	ug/l		98
38) Carbon Tetrachloride	5.74	117	559745	50.06	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.29	83	483801	47.03	ug/l		99
40) Benzene	6.02	78	1256539	48.28	ug/l		98
41) Methacrylonitrile	5.14	41	129575	40.73	ug/l		92
42) 1,2-Dichloroethane	6.14	62	523197	45.49	ug/l		99
43) Isopropyl Acetate	7.63	43	371315	44.76	ug/l	#	98
44) Trichloroethene	6.99	130	395968	46.46	ug/l		92
45) 1,2-Dichloropropane	7.36	63	333303	46.24	ug/l		94
46) Dibromomethane	7.47	93	227633	43.91	ug/l		90
47) Bromodichloromethane	7.76	83	584004	50.34	ug/l		98
48) Methyl methacrylate	7.52	41	225134	44.55	ug/l		98
49) 1,4-Dioxane	7.50	88	45947	906.56	ug/l	#	76
51) 4-Methyl-2-Pentanone	8.61	43	1212564	219.37	ug/l		100
52) Toluene	8.81	92	688876	44.32	ug/l		96
53) t-1,3-Dichloropropene	9.19	75	487405	50.28	ug/l		98
54) cis-1,3-Dichloropropene	8.37	75	572544	51.01	ug/l		99
55) 1,1,2-Trichloroethane	9.47	97	257826	45.68	ug/l		98
56) Ethyl methacrylate	9.32	69	301099	46.75	ug/l		97
57) 1,3-Dichloropropane	9.68	76	442080	47.89	ug/l		94
58) 2-Chloroethyl Vinyl ether	8.20	63	725033	218.70	ug/l		96
59) 2-Hexanone	9.79	43	929683	236.65	ug/l		97
60) Dibromochloromethane	9.97	129	383495	48.52	ug/l		94
61) 1,2-Dibromoethane	10.10	107	291754	46.42	ug/l		97
64) Tetrachloroethene	9.53	164	368704	44.48	ug/l		98
65) Chlorobenzene	10.73	112	829214	47.99	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.86	131	341411	51.47	ug/l		95
67) Ethyl Benzene	10.87	91	1438227	49.33	ug/l		99
68) m/p-Xylenes	11.02	106	948640	98.06	ug/l		94
69) o-Xylene	11.41	106	436542	45.65	ug/l		95
70) Styrene	11.44	104	768882	46.90	ug/l		97
71) Bromoform	11.61	173	281395	51.21	ug/l		97
73) Isopropylbenzene	11.78	105	1309469	48.40	ug/l		98
74) N-amyl acetate	11.66	43	494873	48.08	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.08	83	304985	48.05	ug/l		92
76) 1,2,3-Trichloropropane	12.12	75	334986	50.66	ug/l		98
77) Bromobenzene	12.05	156	426701	50.11	ug/l		89
78) n-propylbenzene	12.16	91	1728015	50.43	ug/l		97
79) 2-Chlorotoluene	12.23	91	992458	49.32	ug/l		94
80) 1,3,5-Trimethylbenzene	12.32	105	1070596	49.71	ug/l		97
81) trans-1,4-Dichloro-2-buten	11.85	75	84281	56.08	ug/l		87
82) 4-Chlorotoluene	12.33	91	1128671	49.47	ug/l		94
83) tert-Butylbenzene	12.58	119	1218414	53.18	ug/l		90
84) 1,2,4-Trimethylbenzene	12.63	105	1113064	48.83	ug/l		98
85) sec-Butylbenzene	12.76	105	1449188	51.55	ug/l		100
86) p-Isopropyltoluene	12.90	119	1194940	52.74	ug/l		98
87) 1,3-Dichlorobenzene	12.85	146	719201	51.34	ug/l		97
88) 1,4-Dichlorobenzene	12.94	146	698639	50.54	ug/l		95
89) n-Butylbenzene	13.20	91	1196919	53.51	ug/l		97
90) Hexachloroethane	13.41	117	332395	58.80	ug/l		77
91) 1,2-Dichlorobenzene	13.20	146	589233	49.61	ug/l		97
92) 1,2-Dibromo-3-Chloropropan	13.78	75	49818	47.60	ug/l		57

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	600301	54.67	ug/l	95
94) Hexachlorobutadiene	14.44	225	467769	56.61	ug/l	98
95) Naphthalene	14.52	128	733651	47.94	ug/l	100
96) 1,2,3-Trichlorobenzene	14.67	180	526820	53.36	ug/l	98

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

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