Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060618\
Data File : VD057962.D
Acq On : 6 Jun 2018 20:14
Operator : JC/SY
Sample : VSTDICC100
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VSTDICC100

Quant Time: Jun 07 08:22:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:19:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	894978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1231554	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	999315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	481828	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	882032	98.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 197.16%			
35) Dibromofluoromethane	5.56	113	919542	96.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 193.00%			
50) Toluene-d8	8.71	98	2099316	92.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 185.34%			
62) 4-Bromofluorobenzene	11.93	95	892874	90.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 180.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.35	85	1176445	97.94	ug/l	98
3) Chloromethane	1.49	50	589630	99.67	ug/l	97
4) Vinyl Chloride	1.56	62	632740	110.50	ug/l	98
5) Bromomethane	1.80	94	205651	91.63	ug/l	99
6) Chloroethane	1.89	64	192817	85.35	ug/l	92
7) Trichlorofluoromethane	2.09	101	762211	97.37	ug/l	97
8) Diethyl Ether	2.35	74	167408	115.13	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.56	101	491290	105.22	ug/l	98
10) Methyl Iodide	2.69	142	744029	123.50	ug/l	92
11) Tert butyl alcohol	3.27	59	128187	534.80	ug/l	98
12) 1,1-Dichloroethene	2.55	96	381692	106.34	ug/l	98
13) Acrolein	2.48	56	188729	549.79	ug/l	100
14) Allyl chloride	2.93	41	906992	109.54	ug/l	96
15) Acrylonitrile	3.36	53	731614	521.75	ug/l	97
16) Acetone	2.63	43	674273	523.06	ug/l	98
17) Carbon Disulfide	2.76	76	1463220	112.53	ug/l	99
18) Methyl Acetate	2.94	43	261029	104.67	ug/l	98
19) Methyl tert-butyl Ether	3.41	73	1655075	104.79	ug/l	100
20) Methylene Chloride	3.08	84	399118	90.59	ug/l	98
21) trans-1,2-Dichloroethene	3.39	96	779416	97.49	ug/l	97
22) Diisopropyl ether	4.08	45	3242070	98.83	ug/l	97
23) Vinyl Acetate	4.03	43	8926613	526.68	ug/l	100
24) 1,1-Dichloroethane	3.98	63	1814132	100.63	ug/l	99
25) 2-Butanone	4.85	43	1526202	520.95	ug/l	97
26) 2,2-Dichloropropane	4.80	77	1496435	100.76	ug/l	94
27) cis-1,2-Dichloroethene	4.81	96	931296	98.22	ug/l	99
28) Bromochloromethane	5.16	49	808186	103.57	ug/l	91
29) Tetrahydrofuran	5.19	42	786291	511.99	ug/l	100
30) Chloroform	5.33	83	1858762	102.44	ug/l	100
31) Cyclohexane	5.60	56	1361749	87.53	ug/l	96
32) 1,1,1-Trichloroethane	5.52	97	1616417	106.40	ug/l	98
36) 1,1-Dichloropropene	5.76	75	1251851	92.26	ug/l	97
37) Ethyl Acetate	4.93	43	754812	101.95	ug/l	99
38) Carbon Tetrachloride	5.73	117	1371374	102.55	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.29	83	1274476	94.75	ug/l	99
40) Benzene	6.02	78	2875143	90.71	ug/l	100
41) Methacrylonitrile	5.14	41	354865	104.83	ug/l	97
42) 1,2-Dichloroethane	6.13	62	1337276	104.35	ug/l	99
43) Isopropyl Acetate	7.62	43	1050074	108.28	ug/l	100
44) Trichloroethene	6.99	130	909642	98.25	ug/l	99
45) 1,2-Dichloropropane	7.35	63	861714	97.82	ug/l	98
46) Dibromomethane	7.47	93	591050	104.44	ug/l	99
47) Bromodichloromethane	7.74	83	1393200	105.14	ug/l	97
48) Methyl methacrylate	7.51	41	642048	107.57	ug/l	99
49) 1,4-Dioxane	7.49	88	106354	2150.89	ug/l	96
51) 4-Methyl-2-Pentanone	8.60	43	3021791	485.81	ug/l	99
52) Toluene	8.81	92	1639518	90.13	ug/l	99
53) t-1,3-Dichloropropene	9.19	75	1182709	103.60	ug/l	95
54) cis-1,3-Dichloropropene	8.36	75	1373795	102.14	ug/l	92
55) 1,1,2-Trichloroethane	9.46	97	582800	98.99	ug/l	97
56) Ethyl methacrylate	9.32	69	743095	102.90	ug/l	96
57) 1,3-Dichloropropane	9.67	76	1048887	101.58	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.20	63	1687371	462.46	ug/l	97
59) 2-Hexanone	9.79	43	2257403	495.23	ug/l	98
60) Dibromochloromethane	9.96	129	929662	111.98	ug/l	100
61) 1,2-Dibromoethane	10.10	107	710043	104.87	ug/l	91
64) Tetrachloroethene	9.52	164	876459	98.11	ug/l	98
65) Chlorobenzene	10.73	112	1950997	96.44	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.85	131	762627	98.12	ug/l	97
67) Ethyl Benzene	10.86	91	3196274	87.45	ug/l	96
68) m/p-Xylenes	11.01	106	2109339	177.03	ug/l	87
69) o-Xylene	11.41	106	1071370	90.59	ug/l	98
70) Styrene	11.44	104	1769258	90.37	ug/l	99
71) Bromoform	11.60	173	679939	116.29	ug/l	97
73) Isopropylbenzene	11.77	105	3106673	97.35	ug/l	98
74) N-amyl acetate	11.64	43	1295817	105.22	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.08	83	710846	102.16	ug/l	97
76) 1,2,3-Trichloropropane	12.12	75	725160	100.19	ug/l	99
77) Bromobenzene	12.05	156	968838	102.56	ug/l	78
78) n-propylbenzene	12.15	91	3766819	90.71	ug/l	99
79) 2-Chlorotoluene	12.21	91	2321214	97.98	ug/l	99
80) 1,3,5-Trimethylbenzene	12.32	105	2343540	76.62	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.85	75	207309	115.64	ug/l	96
82) 4-Chlorotoluene	12.33	91	2300388	88.89	ug/l	89
83) tert-Butylbenzene	12.58	119	2782869	99.02	ug/l	99
84) 1,2,4-Trimethylbenzene	12.63	105	2620723	97.93	ug/l	97
85) sec-Butylbenzene	12.75	105	3258495	96.07	ug/l	99
86) p-Isopropyltoluene	12.88	119	2663379	97.43	ug/l	98
87) 1,3-Dichlorobenzene	12.84	146	1534389	96.02	ug/l	98
88) 1,4-Dichlorobenzene	12.93	146	1542438	99.07	ug/l	97
89) n-Butylbenzene	13.20	91	2392606	85.05	ug/l	99
90) Hexachloroethane	13.40	117	744706	106.74	ug/l	98
91) 1,2-Dichlorobenzene	13.20	146	1171023	90.68	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.77	75	121458	113.10	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	1215236	100.73	ug/l	100
94) Hexachlorobutadiene	14.44	225	1000490	105.43	ug/l	99
95) Naphthalene	14.52	128	1685879	108.38	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	1073026	104.36	ug/l	99

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

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