Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040618\
Data File : BM014681.D
Acq On : 06 Apr 2018 14:47
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02071

Quant Time: Apr 09 11:41:13 2018
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 07 00:52:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	449120	20.00	ng/ul	0.00
18) Naphthalene-d8	11.42	136	1896142	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.17	164	983888	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.89	188	1906006	20.00	ng/ul	0.00
77) Chrysene-d12	21.97	240	1707753	20.00	ng/ul	0.00
85) Perylene-d12	24.48	264	1603029	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.69	96	79722	8.54	ng/uL	0.00
5) Phenol-d5	7.69	99	746020	20.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.87	67	477391	21.19	ng/ul	0.00
9) 2-Chlorophenol-d4	8.09	132	611944	20.71	ng/ul	0.00
13) 4-Methylphenol-d8	9.27	113	600395	20.52	ng/ul	0.00
19) Nitrobenzene-d5	9.76	128	280645	23.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.49	143	258469	23.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.02	165	574446	20.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.54	131	761914	24.07	ng/ul	0.00
43) Dimethylphthalate-d6	14.56	166	1536705	19.77	ng/ul	0.00
46) Acenaphthylene-d8	14.87	160	2023242	20.49	ng/ul	0.00
51) 4-Nitrophenol-d4	15.32	143	255650	20.26	ng/ul	0.00
57) Fluorene-d10	16.15	176	1332925	19.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.24	200	165381	20.33	ng/ul	0.00
70) Anthracene-d10	17.98	188	1863398	20.75	ng/ul	0.00
78) Pyrene-d10	20.22	212	1815467	20.95	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.32	264	1621127	20.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.73	88	83107	8.268	ng/uL	96
4) Benzaldehyde	7.69	77	467633	22.836	ng/ul	97
6) Phenol	7.72	94	736679	21.062	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.97	93	585087	21.164	ng/ul#	87
10) 2-Chlorophenol	8.12	128	603561	20.683	ng/ul#	92
11) 2-Methylphenol	9.00	108	546261	20.510	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.10	45	1074796	20.974	ng/ul#	82
14) Acetophenone	9.41	105	906446	20.944	ng/ul#	90
15) N-Nitroso-di-n-propylamine	9.39	70	458676	19.807	ng/ul#	75
16) 4-Methylphenol	9.33	108	587815	20.535	ng/ul	98
17) Hexachloroethane	9.69	117	238879	20.200	ng/ul	99
20) Nitrobenzene	9.80	77	682701	21.954	ng/ul	94
21) Isophorone	10.32	82	1178039	19.401	ng/ul	98
23) 2-Nitrophenol	10.52	139	297808	23.327	ng/ul	90
24) 2,4-Dimethylphenol	10.56	107	663560	20.572	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.80	93	767926	20.555	ng/ul	99
27) 2,4-Dichlorophenol	11.05	162	541965	20.632	ng/ul	99
28) Naphthalene	11.47	128	1904313	20.601	ng/ul	100
30) 4-Chloroaniline	11.57	127	727405	24.043	ng/ul	99
31) Hexachlorobutadiene	11.75	225	347217	19.805	ng/ul	99
32) Caprolactam	12.30	113	124917	15.884	ng/ul#	49
33) 4-Chloro-3-methylphenol	12.64	107	554955	19.860	ng/ul	97
34) 2-Methylnaphthalene	13.04	142	1324145	20.080	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.39	216	651576	20.863	ng/ul	98
37) Hexachlorocyclopentadiene	13.37	237	431864	20.750	ng/ul	99
38) 2,4,6-Trichlorophenol	13.62	196	394681	21.276	ng/ul	98
39) 2,4,5-Trichlorophenol	13.69	196	415256	21.370	ng/ul	99
40) 1,1'-Biphenyl	14.02	154	1670182	21.197	ng/ul	98
41) 2-Chloronaphthalene	14.07	162	1289831	21.124	ng/ul	96
42) 2-Nitroaniline	14.25	65	333424	23.434	ng/ul#	81
44) Dimethylphthalate	14.61	163	1468515	19.605	ng/ul	100
45) 2,6-Dinitrotoluene	14.73	165	280070	23.150	ng/ul	96
47) Acenaphthylene	14.90	152	1945697	20.776	ng/ul	99
48) 3-Nitroaniline	15.06	138	286398	23.436	ng/ul	92
49) Acenaphthene	15.23	153	1355255	20.726	ng/ul	97
50) 2,4-Dinitrophenol	15.26	184	103920	19.848	ng/ul#	18
52) 4-Nitrophenol	15.33	109	192586	20.081	ng/ul#	85
53) Dibenzofuran	15.56	168	1840714	20.514	ng/ul	96
54) 2,4-Dinitrotoluene	15.50	165	390271	22.347	ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	15.77	232	332478	20.112	ng/ul	97
56) Diethylphthalate	15.94	149	1424105	19.003	ng/ul	98
58) Fluorene	16.20	166	1459618	19.970	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.19	204	738467	19.726	ng/ul	93
60) 4-Nitroaniline	16.20	138	283485	20.536	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	16.26	198	178372	20.310	ng/ul	99
64) N-Nitrosodiphenylamine	16.39	169	1216028	21.355	ng/ul	100
65) 4-Bromophenyl-phenylether	17.07	248	432274	20.230	ng/ul	93
66) Hexachlorobenzene	17.19	284	491064	20.553	ng/ul	91
67) Atrazine	17.32	200	385252	19.424	ng/ul	97
68) Pentachlorophenol	17.52	266	242790	19.336	ng/ul	99
69) Phenanthrene	17.93	178	2126802	20.827	ng/ul	99
71) Anthracene	18.02	178	2179017	20.958	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.99	216	655516	22.432	ng/uL	98
73) Pentachlorobenzene	15.48	250	614233	21.819	ng/uL	99
74) Carbazole	18.27	167	1819593	21.140	ng/ul	99
75) Di-n-butylphthalate	18.80	149	2058786	19.267	ng/ul	100
76) Fluoranthene	19.89	202	2205201	20.880	ng/ul	98
79) Pyrene	20.24	202	2260991	21.191	ng/ul	100
80) Butylbenzylphthalate	21.09	149	766019	20.513	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.87	252	674112	21.810	ng/ul	99
82) Benzo(a)anthracene	21.95	228	2072320	20.695	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.84	149	1042963	18.728	ng/ul	100
84) Chrysene	22.01	228	1930911	20.647	ng/ul	99
86) Di-n-octyl phthalate	22.80	149	1637572	17.418	ng/ul#	88
87) Benzo(b)fluoranthene	23.72	252	1971776	20.503	ng/ul	99
88) Benzo(k)fluoranthene	23.76	252	1892029	20.443	ng/ul	100
90) Benzo(a)pyrene	24.37	252	1857337	20.635	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	27.09	276	2152183	21.320	ng/ul	96
92) Dibenzo(a,h)anthracene	27.11	278	1806382	21.340	ng/ul	99
93) Benzo(g,h,i)perylene	27.90	276	1763564	21.489	ng/ul	98

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

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