Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012709.D
Acq On : 04 Nov 2017 16:10
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02094

Quant Time: Nov 06 01:21:31 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 01:18:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	72005	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	273617	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	159792	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	370895	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	444021	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	477454	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	10836	8.13	ng/uL	0.00
5) Phenol-d5	6.98	99	97444	18.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	52420	18.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	82871	18.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	81207	17.56	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	37756	18.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	43140	18.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	89570	18.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	100560	21.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	244865	18.52	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	311151	19.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	39605	18.69	ng/ul	0.00
57) Fluorene-d10	15.44	176	212471	18.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	42390	17.31	ng/ul	0.00
70) Anthracene-d10	17.29	188	333571	18.61	ng/ul	0.00
78) Pyrene-d10	19.58	212	373651	18.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	418351	18.53	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	11249	7.519	ng/uL	97
4) Benzaldehyde	6.96	77	62617	21.975	ng/ul	95
6) Phenol	7.01	94	101057	18.375	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.24	93	75172	18.234	ng/ul	99
10) 2-Chlorophenol	7.38	128	84400	18.358	ng/ul	98
11) 2-Methylphenol	8.26	108	75113	17.948	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.35	45	61252	17.983	ng/ul	93
14) Acetophenone	8.63	105	124894	17.948	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.62	70	59050	17.652	ng/ul	99
16) 4-Methylphenol	8.58	108	81067	17.848	ng/ul	91
17) Hexachloroethane	8.89	117	33989	18.366	ng/ul	83
20) Nitrobenzene	9.01	77	91170	19.160	ng/ul	95
21) Isophorone	9.54	82	154732	18.058	ng/ul	98
23) 2-Nitrophenol	9.72	139	47251	18.971	ng/ul	96
24) 2,4-Dimethylphenol	9.78	107	94023	18.560	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.02	93	97085	18.176	ng/ul	99
27) 2,4-Dichlorophenol	10.25	162	86278	18.668	ng/ul	97
28) Naphthalene	10.65	128	256370	18.741	ng/ul	99
30) 4-Chloroaniline	10.76	127	100184	21.774	ng/ul	99
31) Hexachlorobutadiene	10.94	225	67400	18.542	ng/ul	97
32) Caprolactam	11.54	113	22855	17.584	ng/ul	91
33) 4-Chloro-3-methylphenol	11.89	107	82741	18.412	ng/ul	97
34) 2-Methylnaphthalene	12.26	142	191124	18.282	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	117899	19.059 ng/ul#	97
37) Hexachlorocyclopentadiene	12.62	237	48645	15.441 ng/ul#	98
38) 2,4,6-Trichlorophenol	12.87	196	72543	18.557 ng/ul	98
39) 2,4,5-Trichlorophenol	12.95	196	75227	18.445 ng/ul	99
40) 1,1'-Biphenyl	13.28	154	248464	18.798 ng/ul	98
41) 2-Chloronaphthalene	13.32	162	200358	19.187 ng/ul	94
42) 2-Nitroaniline	13.53	65	47179	19.122 ng/ul	90
44) Dimethylphthalate	13.90	163	247452	18.858 ng/ul	100
45) 2,6-Dinitrotoluene	14.03	165	49569	18.872 ng/ul	99
47) Acenaphthylene	14.17	152	304910	19.232 ng/ul	99
48) 3-Nitroaniline	14.36	138	44548	20.114 ng/ul	94
49) Acenaphthene	14.51	153	203852	18.876 ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	26154	15.942 ng/ul	89
52) 4-Nitrophenol	14.67	109	35201	18.829 ng/ul	97
53) Dibenzofuran	14.85	168	299680	19.025 ng/ul	93
54) 2,4-Dinitrotoluene	14.82	165	72983	18.894 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.07	232	70546	18.634 ng/ul#	85
56) Diethylphthalate	15.27	149	228834	17.955 ng/ul	98
58) Fluorene	15.50	166	245161	18.736 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.49	204	133653	18.383 ng/ul#	85
60) 4-Nitroaniline	15.52	138	50268	19.499 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.58	198	45014	17.460 ng/ul#	97
64) N-Nitrosodiphenylamine	15.70	169	209770	18.732 ng/ul	98
65) 4-Bromophenyl-phenylether	16.39	248	87492	18.157 ng/ul#	84
66) Hexachlorobenzene	16.50	284	100860	18.538 ng/ul#	83
67) Atrazine	16.66	200	81836	18.305 ng/ul	98
68) Pentachlorophenol	16.84	266	52716	16.958 ng/ul	99
69) Phenanthrene	17.23	178	382565	18.871 ng/ul	99
71) Anthracene	17.33	178	395886	18.834 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.25	216	114215	18.840 ng/uL	97
73) Pentachlorobenzene	14.77	250	113351	18.271 ng/uL	99
74) Carbazole	17.60	167	331861	18.930 ng/ul	98
75) Di-n-butylphthalate	18.16	149	357264	17.392 ng/ul	100
76) Fluoranthene	19.25	202	461186	18.931 ng/ul#	92
79) Pyrene	19.61	202	483309	18.244 ng/ul#	92
80) Butylbenzylphthalate	20.51	149	163707	16.945 ng/ul#	95
81) 3,3'-Dichlorobenzidine	21.29	252	189441	19.290 ng/ul#	96
82) Benzo(a)anthracene	21.36	228	499373	18.586 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.29	149	232353	16.510 ng/ul#	97
84) Chrysene	21.41	228	454467	18.664 ng/ul	98
86) Di-n-octyl phthalate	22.17	149	398250	15.857 ng/ul	97
87) Benzo(b)fluoranthene	22.96	252	530892	18.195 ng/ul#	96
88) Benzo(k)fluoranthene	23.01	252	515177	18.576 ng/ul#	96
90) Benzo(a)pyrene	23.55	252	516755	18.612 ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.96	276	639419	19.109 ng/ul#	89
92) Dibenzo(a,h)anthracene	25.97	278	539701	19.053 ng/ul#	92
93) Benzo(g,h,i)perylene	26.67	276	530782	19.250 ng/ul#	90

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

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