Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102952.D
Acq On : 13 Feb 2018 10:46
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 14 00:02:53 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 00:38:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	222019	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	928667	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	419898	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	716359	20.00	ng		0.00
75) Chrysene-d12	14.04	240	497529	20.00	ng		0.00
86) Perylene-d12	15.52	264	477453	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1106909	75.72	ng		0.00
7) Phenol-d6	6.50	99	1357782	77.13	ng		0.00
23) Nitrobenzene-d5	7.45	82	1244434	92.96	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	286111	84.66	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1835814	72.55	ng		0.00
78) Terphenyl-d14	12.99	244	1509551	71.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	296848	41.110	ng		89
3) Pyridine	3.43	79	839882	42.100	ng		91
4) n-Nitrosodimethylamine	3.39	42	352462	41.293	ng		91
6) Aniline	6.55	93	1019755	39.229	ng		96
8) 2-Chlorophenol	6.66	128	584937	38.864	ng		96
9) Benzaldehyde	6.43	77	439769	33.641	ng		97
10) Phenol	6.52	94	790937	41.927	ng		93
11) bis(2-Chloroethyl)ether	6.62	93	609645	38.837	ng		92
12) 1,3-Dichlorobenzene	6.82	146	652691	37.449	ng		98
13) 1,4-Dichlorobenzene	6.89	146	650615	37.474	ng		99
14) 1,2-Dichlorobenzene	7.05	146	590074	36.490	ng		97
15) Benzyl Alcohol	7.02	79	533949	39.454	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1090627	36.575	ng		98
17) 2-Methylphenol	7.13	107	544446	39.217	ng		99
18) Hexachloroethane	7.39	117	244254	41.027	ng		93
19) n-Nitroso-di-n-propylamine	7.30	70	438058	37.745	ng		97
20) 3+4-Methylphenols	7.28	107	622516	36.361	ng	#	87
22) Acetophenone	7.29	105	800515	35.226	ng	#	98
24) Nitrobenzene	7.46	77	682808	43.359	ng		98
25) Isophorone	7.70	82	1238093	40.164	ng		97
26) 2-Nitrophenol	7.77	139	336173	51.248	ng		94
27) 2,4-Dimethylphenol	7.81	122	509804	39.146	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	722653	39.574	ng		99
29) 2,4-Dichlorophenol	8.02	162	477466	40.330	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	505160	37.718	ng		99
31) Naphthalene	8.19	128	1681902	37.069	ng		100
32) Benzoic acid	7.95	122	454965	49.034	ng		96
33) 4-Chloroaniline	8.23	127	754690	38.610	ng		96
34) Hexachlorobutadiene	8.30	225	260524	37.961	ng		100
35) Caprolactam	8.62	113	170453	41.457	ng	#	73
36) 4-Chloro-3-methylphenol	8.71	107	529665	39.818	ng		99
37) 2-Methylnaphthalene	8.87	142	1092069	36.762	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	432370	37.817	ng		99
40) Hexachlorocyclopentadiene	9.02	237	212246	39.051	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	307722	40.977	ng		100
43) 2,4,5-Trichlorophenol	9.19	196	353496	41.765	ng		97
45) 1,1'-Biphenyl	9.34	154	1289942	36.473	ng		100
46) 2-Chloronaphthalene	9.36	162	1040824	37.382	ng		100
47) 2-Nitroaniline	9.46	65	409449	47.681	ng		85
48) Acenaphthylene	9.78	152	1583042	36.606	ng		99
49) Dimethylphthalate	9.64	163	1258637	38.443	ng		100
50) 2,6-Dinitrotoluene	9.70	165	276369	44.369	ng		98
51) Acenaphthene	9.95	154	937173	36.237	ng		100
52) 3-Nitroaniline	9.87	138	339558	44.304	ng		97
53) 2,4-Dinitrophenol	9.97	184	108369	61.888	ng	#	17
54) Dibenzofuran	10.12	168	1323218	36.306	ng		97
55) 4-Nitrophenol	10.03	139	241299	40.408	ng		92
56) 2,4-Dinitrotoluene	10.10	165	362912	43.734	ng		92
57) Fluorene	10.47	166	996780	37.589	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	238541	40.663	ng		98
59) Diethylphthalate	10.33	149	1205336	37.285	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	447386	38.138	ng		96
61) 4-Nitroaniline	10.49	138	335655	46.010	ng		95
62) Azobenzene	10.62	77	1215121	37.625	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	180201	56.877	ng		96
65) n-Nitrosodiphenylamine	10.57	169	951730	37.665	ng		98
66) 4-Bromophenyl-phenylether	10.95	248	286248	37.775	ng		94
67) Hexachlorobenzene	11.01	284	316259	37.832	ng		98
68) Atrazine	11.10	200	284577	38.176	ng		98
69) Pentachlorophenol	11.20	266	187494	38.207	ng		99
70) Phenanthrene	11.43	178	1426561	35.757	ng		99
71) Anthracene	11.48	178	1461884	36.026	ng		99
72) Carbazole	11.63	167	1441868	36.270	ng		98
73) Di-n-butylphthalate	11.96	149	1858347	38.482	ng		99
74) Fluoranthene	12.62	202	1431605	35.665	ng		99
76) Benzidine	12.74	184	996851	43.594	ng		99
77) Pyrene	12.84	202	1470225	37.685	ng		100
79) Butylbenzylphthalate	13.46	149	798140	42.880	ng		98
80) Benzo(a)anthracene	14.03	228	1239087	39.600	ng		100
81) 3,3'-Dichlorobenzidine	13.99	252	478212	41.220	ng		99
82) Chrysene	14.07	228	1172886	37.185	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	1089149	45.572	ng		100
84) Di-n-octyl phthalate	14.62	149	1735959	48.375	ng		99
85) Indeno(1,2,3-cd)pyrene	17.02	276	1056893	40.401	ng		98
87) Benzo(b)fluoranthene	15.09	252	1153821	37.274	ng		98
88) Benzo(k)fluoranthene	15.12	252	1119324	37.844	ng		99
89) Benzo(a)pyrene	15.46	252	1050675	37.708	ng		96
90) Dibenzo(a,h)anthracene	17.03	278	882793	39.034	ng		100
91) Benzo(g,h,i)perylene	17.47	276	864965	39.075	ng		97

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

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