Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102708.D
Acq On : 3 Feb 2018 10:26
Operator : SJ/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC040

Quant Time: Feb 03 11:52:33 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 03 11:33:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	188640	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	798875	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	365283	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	625389	20.00	ng		0.00
75) Chrysene-d12	14.04	240	445472	20.00	ng		0.00
86) Perylene-d12	15.50	264	386388	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	993091	74.34	ng		0.00
7) Phenol-d6	6.50	99	1191301	74.74	ng		0.00
23) Nitrobenzene-d5	7.45	82	960584	70.66	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	249545	78.28	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1767641	75.60	ng		0.00
78) Terphenyl-d14	12.99	244	1469257	68.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	252137	37.820	ng		86
3) Pyridine	3.43	79	704372	38.688	ng		89
4) n-Nitrosodimethylamine	3.37	42	299268	39.253	ng		90
6) Aniline	6.55	93	883313	39.325	ng		97
8) 2-Chlorophenol	6.66	128	513079	38.295	ng		98
9) Benzaldehyde	6.43	77	446266	40.324	ng		99
10) Phenol	6.51	94	631690	35.070	ng		95
11) bis(2-Chloroethyl)ether	6.62	93	531165	38.743	ng		93
12) 1,3-Dichlorobenzene	6.82	146	588066	38.075	ng		99
13) 1,4-Dichlorobenzene	6.90	146	583382	37.853	ng		99
14) 1,2-Dichlorobenzene	7.05	146	547574	38.387	ng		99
15) Benzyl Alcohol	7.02	79	470927	40.392	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1027161	40.642	ng		96
17) 2-Methylphenol	7.12	107	470979	38.967	ng		98
18) Hexachloroethane	7.39	117	208335	38.388	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	385651	36.922	ng		90
20) 3+4-Methylphenols	7.27	107	593520	40.898	ng		98
22) Acetophenone	7.29	105	759529	39.460	ng		96
24) Nitrobenzene	7.46	77	555381	38.019	ng		99
25) Isophorone	7.70	82	1041379	38.768	ng		99
26) 2-Nitrophenol	7.77	139	196650	32.163	ng		95
27) 2,4-Dimethylphenol	7.80	122	451445	39.535	ng		100
28) bis(2-Chloroethoxy)methane	7.91	93	621609	38.326	ng		100
29) 2,4-Dichlorophenol	8.01	162	418126	38.563	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	452884	39.933	ng		99
31) Naphthalene	8.19	128	1542051	38.630	ng		100
32) Benzoic acid	7.92	122	277859	32.090	ng		97
33) 4-Chloroaniline	8.23	127	667438	39.174	ng		98
34) Hexachlorobutadiene	8.30	225	235186	39.177	ng		98
35) Caprolactam	8.60	113	145255	39.024	ng	#	73
36) 4-Chloro-3-methylphenol	8.70	107	464904	39.171	ng		99
37) 2-Methylnaphthalene	8.87	142	1003247	38.176	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	391956	37.928	ng		98
40) Hexachlorocyclopentadiene	9.03	237	203504	36.008	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	271475	38.121	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	313188	38.911	ng		99
45) 1,1'-Biphenyl	9.34	154	1201795	37.222	ng		99
46) 2-Chloronaphthalene	9.36	162	957181	38.230	ng		99
47) 2-Nitroaniline	9.46	65	290807	38.775	ng		90
48) Acenaphthylene	9.78	152	1476358	37.156	ng		99
49) Dimethylphthalate	9.64	163	1112564	37.967	ng		100
50) 2,6-Dinitrotoluene	9.70	165	226715	38.732	ng		94
51) Acenaphthene	9.95	154	878043	36.408	ng		98
52) 3-Nitroaniline	9.87	138	276877	37.480	ng		99
53) 2,4-Dinitrophenol	9.96	184	40909	22.937	ng	#	64
54) Dibenzofuran	10.12	168	1238231	37.410	ng		96
55) 4-Nitrophenol	10.01	139	203333	36.934	ng		94
56) 2,4-Dinitrotoluene	10.10	165	283260	38.610	ng		94
57) Fluorene	10.46	166	924873	40.421	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	213458	37.251	ng		97
59) Diethylphthalate	10.34	149	1109076	38.049	ng		98
60) 4-Chlorophenyl-phenylether	10.46	204	406663	41.739	ng		99
61) 4-Nitroaniline	10.48	138	258784	36.912	ng		96
62) Azobenzene	10.62	77	1104747	38.093	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	89645	29.153	ng		94
65) n-Nitrosodiphenylamine	10.57	169	875079	37.367	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	261505	39.596	ng		95
67) Hexachlorobenzene	11.01	284	287792	39.916	ng		96
68) Atrazine	11.10	200	264114	39.025	ng		97
69) Pentachlorophenol	11.20	266	179288	40.779	ng		98
70) Phenanthrene	11.43	178	1363362	37.321	ng		99
71) Anthracene	11.48	178	1378817	37.216	ng		100
72) Carbazole	11.63	167	1355490	37.223	ng		100
73) Di-n-butylphthalate	11.96	149	1695803	37.957	ng		99
74) Fluoranthene	12.62	202	1366204	38.012	ng		99
76) Benzidine	12.73	184	878881	40.857	ng		99
77) Pyrene	12.84	202	1400288	35.561	ng		100
79) Butylbenzylphthalate	13.46	149	673240	37.255	ng		96
80) Benzo(a)anthracene	14.03	228	1103094	38.811	ng		100
81) 3,3'-Dichlorobenzidine	13.99	252	436688	41.495	ng		99
82) Chrysene	14.07	228	1110584	37.473	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	875505	42.233	ng		99
84) Di-n-octyl phthalate	14.63	149	1331154	38.696	ng		96
85) Indeno(1,2,3-cd)pyrene	16.99	276	868649	40.270	ng		99
87) Benzo(b)fluoranthene	15.08	252	1024333	40.658	ng		99
88) Benzo(k)fluoranthene	15.11	252	970001	39.912	ng		99
89) Benzo(a)pyrene	15.44	252	912126	40.233	ng		97
90) Dibenzo(a,h)anthracene	17.01	278	725479	40.100	ng		99
91) Benzo(g,h,i)perylene	17.44	276	701557	38.495	ng		97

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

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