Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102903.D
Acq On : 9 Feb 2018 22:40
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 10 00:50:14 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 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	178935	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	713648	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	287889	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	411075	20.00	ng		0.00
75) Chrysene-d12	14.06	240	320716	20.00	ng		0.00
86) Perylene-d12	15.54	264	326586	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	929254	78.87	ng		0.00
7) Phenol-d6	6.52	99	1096799	77.31	ng		0.01
23) Nitrobenzene-d5	7.45	82	988731	96.11	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	160954	69.46	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1392479	80.26	ng		0.00
78) Terphenyl-d14	13.00	244	928716	68.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	246353	42.332	ng		89
3) Pyridine	3.41	79	694061	43.167	ng		92
4) n-Nitrosodimethylamine	3.37	42	301181	43.781	ng	#	93
6) Aniline	6.55	93	806366	38.489	ng		94
8) 2-Chlorophenol	6.67	128	465697	38.392	ng		97
9) Benzaldehyde	6.44	77	383161	36.369	ng		99
10) Phenol	6.53	94	647654	42.598	ng		95
11) bis(2-Chloroethyl)ether	6.62	93	495779	39.188	ng		90
12) 1,3-Dichlorobenzene	6.83	146	534363	38.042	ng		98
13) 1,4-Dichlorobenzene	6.90	146	533396	38.120	ng		99
14) 1,2-Dichlorobenzene	7.06	146	485260	37.233	ng		97
15) Benzyl Alcohol	7.03	79	437469	40.108	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	868447	36.136	ng		99
17) 2-Methylphenol	7.13	107	420369	37.570	ng		98
18) Hexachloroethane	7.40	117	182738	38.084	ng		94
19) n-Nitroso-di-n-propylamine	7.30	70	340064	36.356	ng		93
20) 3+4-Methylphenols	7.29	107	500175	36.250	ng		91
22) Acetophenone	7.30	105	644089	36.882	ng	#	94
24) Nitrobenzene	7.47	77	548815	45.354	ng		95
25) Isophorone	7.70	82	922419	38.939	ng		97
26) 2-Nitrophenol	7.79	139	243040	48.727	ng		96
27) 2,4-Dimethylphenol	7.82	122	370783	37.049	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	555879	39.613	ng		99
29) 2,4-Dichlorophenol	8.03	162	355236	39.046	ng		98
30) 1,2,4-Trichlorobenzene	8.11	180	385010	37.408	ng		98
31) Naphthalene	8.19	128	1310014	37.571	ng		100
32) Benzoic acid	7.93	122	267019	40.514	ng		96
33) 4-Chloroaniline	8.24	127	562867	37.473	ng		97
34) Hexachlorobutadiene	8.30	225	205416	38.949	ng		99
35) Caprolactam	8.62	113	118451	37.490	ng	#	83
36) 4-Chloro-3-methylphenol	8.72	107	390726	38.224	ng		99
37) 2-Methylnaphthalene	8.88	142	823145	36.058	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	321478	41.011	ng		98
40) Hexachlorocyclopentadiene	9.03	237	29971	8.043	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	210381	40.861	ng		100
43) 2,4,5-Trichlorophenol	9.20	196	232795	40.116	ng		98
45) 1,1'-Biphenyl	9.35	154	961493	39.652	ng		98
46) 2-Chloronaphthalene	9.37	162	747075	39.135	ng		99
47) 2-Nitroaniline	9.47	65	293518	49.695	ng		87
48) Acenaphthylene	9.79	152	1127105	38.014	ng		99
49) Dimethylphthalate	9.65	163	903339	40.243	ng		100
50) 2,6-Dinitrotoluene	9.71	165	183922	43.067	ng		94
51) Acenaphthene	9.96	154	651773	36.758	ng		98
52) 3-Nitroaniline	9.88	138	228391	43.463	ng		98
53) 2,4-Dinitrophenol	9.98	184	10528	19.974	ng	#	22
54) Dibenzofuran	10.13	168	919073	36.780	ng		97
55) 4-Nitrophenol	10.03	139	133550	33.395	ng		94
56) 2,4-Dinitrotoluene	10.11	165	226159	40.031	ng	#	90
57) Fluorene	10.47	166	668936	36.793	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	144895	36.025	ng		96
59) Diethylphthalate	10.34	149	858344	38.726	ng		100
60) 4-Chlorophenyl-phenylether	10.46	204	307910	38.284	ng		96
61) 4-Nitroaniline	10.49	138	202542	40.494	ng		97
62) Azobenzene	10.63	77	840026	37.937	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	28783	23.633	ng	#	75
65) n-Nitrosodiphenylamine	10.59	169	621839	42.886	ng		98
66) 4-Bromophenyl-phenylether	10.96	248	181193	41.669	ng		92
67) Hexachlorobenzene	11.02	284	182970	38.142	ng		97
68) Atrazine	11.11	200	179405	41.941	ng		99
69) Pentachlorophenol	11.22	266	95561	33.935	ng		99
70) Phenanthrene	11.44	178	848615	37.067	ng		99
71) Anthracene	11.49	178	871683	37.435	ng		99
72) Carbazole	11.65	167	841749	36.898	ng		99
73) Di-n-butylphthalate	11.97	149	1182991	42.690	ng		99
74) Fluoranthene	12.63	202	829216	35.999	ng		99
76) Benzidine	12.75	184	542213	36.785	ng		99
77) Pyrene	12.86	202	866913	34.471	ng		99
79) Butylbenzylphthalate	13.47	149	472456	39.460	ng		97
80) Benzo(a)anthracene	14.04	228	791704	39.252	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	314682	42.078	ng		98
82) Chrysene	14.09	228	772806	38.009	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	695517	45.146	ng	#	99
84) Di-n-octyl phthalate	14.64	149	1164758	50.351	ng		96
85) Indeno(1,2,3-cd)pyrene	17.04	276	662130	39.265	ng		98
87) Benzo(b)fluoranthene	15.14	252	738217	34.865	ng		98
88) Benzo(k)fluoranthene	15.14	252	738217	36.489	ng		99
89) Benzo(a)pyrene	15.48	252	727423	38.167	ng		98
90) Dibenzo(a,h)anthracene	17.06	278	568552	36.753	ng		99
91) Benzo(g,h,i)perylene	17.51	276	516993	34.144	ng		99

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

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