Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
Data File : BF104333.D
Acq On : 7 Apr 2018 3:40
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/9/2018 11:18:50 AM

Quant Time: Apr 07 05:11:52 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 06 16:44:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	137813	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	551461	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	243069	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	356140	20.00	ng		0.00
75) Chrysene-d12	13.97	240	256176	20.00	ng		0.00
86) Perylene-d12	15.43	264	240110	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	681150	75.57	ng		0.00
7) Phenol-d6	6.43	99	835771	75.47	ng		0.00
23) Nitrobenzene-d5	7.37	82	709586	84.02	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	172209	68.30	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1215515	79.00	ng		0.00
78) Terphenyl-d14	12.92	244	828335	73.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	161394	38.430	ng		89
3) Pyridine	3.25	79	448136	37.953	ng		90
4) n-Nitrosodimethylamine	3.20	42	150258	36.404	ng	#	81
6) Aniline	6.47	93	580914	37.758	ng		98
8) 2-Chlorophenol	6.59	128	363069	38.166	ng		97
9) Benzaldehyde	6.36	77	221922	39.429	ng		96
10) Phenol	6.45	94	433012m	36.852	ng		
11) bis(2-Chloroethyl)ether	6.55	93	353884	37.742	ng		96
12) 1,3-Dichlorobenzene	6.75	146	412585	38.284	ng		98
13) 1,4-Dichlorobenzene	6.82	146	413044	38.448	ng		99
14) 1,2-Dichlorobenzene	6.97	146	384674	38.640	ng		99
15) Benzyl Alcohol	6.95	79	314133	37.348	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	464471	36.886	ng		93
17) 2-Methylphenol	7.06	107	315381	38.140	ng		97
18) Hexachloroethane	7.32	117	132677	34.639	ng		94
19) n-Nitroso-di-n-propylamine	7.22	70	257304	35.557	ng		96
20) 3+4-Methylphenols	7.21	107	382762	37.322	ng	#	87
22) Acetophenone	7.22	105	505915	37.264	ng	#	93
24) Nitrobenzene	7.39	77	375526	40.275	ng		97
25) Isophorone	7.63	82	665571	37.269	ng		98
26) 2-Nitrophenol	7.70	139	174335	45.927	ng		99
27) 2,4-Dimethylphenol	7.74	122	295345	37.472	ng		98
28) bis(2-Chloroethoxy)methane	7.84	93	414686	37.978	ng		99
29) 2,4-Dichlorophenol	7.95	162	285847	38.010	ng		96
30) 1,2,4-Trichlorobenzene	8.03	180	317452	38.464	ng		98
31) Naphthalene	8.12	128	1046622	38.115	ng		100
32) Benzoic acid	7.86	122	254806	40.518	ng		99
33) 4-Chloroaniline	8.16	127	442564	37.619	ng		97
34) Hexachlorobutadiene	8.23	225	174632	38.630	ng		99
35) Caprolactam	8.54	113	98045	37.373	ng	#	83
36) 4-Chloro-3-methylphenol	8.64	107	301573	37.399	ng		96
37) 2-Methylnaphthalene	8.80	142	661951	37.267	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	287756	41.356	ng		99
40) Hexachlorocyclopentadiene	8.95	237	33216	8.527	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	192839	39.924	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	212818	39.373	ng		96
45) 1,1'-Biphenyl	9.27	154	798819	39.120	ng		99
46) 2-Chloronaphthalene	9.29	162	628465	38.965	ng		99
47) 2-Nitroaniline	9.39	65	185974	46.626	ng		98
48) Acenaphthylene	9.71	152	954313	37.712	ng		100
49) Dimethylphthalate	9.57	163	762932	39.803	ng		100
50) 2,6-Dinitrotoluene	9.63	165	157354	44.365	ng		92
51) Acenaphthene	9.88	154	561024	36.336	ng		99
52) 3-Nitroaniline	9.80	138	184361	44.400	ng		96
53) 2,4-Dinitrophenol	9.90	184	7747	12.709	ng	#	22
54) Dibenzofuran	10.05	168	806801	37.496	ng		98
55) 4-Nitrophenol	9.95	139	117199	35.932	ng		98
56) 2,4-Dinitrotoluene	10.03	165	190821	41.016	ng		91
57) Fluorene	10.39	166	585915	37.411	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	142621	35.368	ng		96
59) Diethylphthalate	10.27	149	735192	38.512	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	275555	39.507	ng		99
61) 4-Nitroaniline	10.41	138	165117	40.670	ng		99
62) Azobenzene	10.55	77	655172	35.923	ng		97
64) 4,6-Dinitro-2-methylphenol	10.43	198	19187	16.716	ng		96
65) n-Nitrosodiphenylamine	10.50	169	557335	45.135	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	170256	44.944	ng	#	87
67) Hexachlorobenzene	10.94	284	177076	41.543	ng		92
68) Atrazine	11.03	200	157772	42.329	ng		99
69) Pentachlorophenol	11.13	266	95747	36.309	ng		99
70) Phenanthrene	11.36	178	765723	38.608	ng		99
71) Anthracene	11.41	178	761054	37.749	ng		99
72) Carbazole	11.56	167	706291	35.851	ng		100
73) Di-n-butylphthalate	11.90	149	1003827	41.713	ng		100
74) Fluoranthene	12.55	202	665775	32.129	ng		98
76) Benzidine	12.67	184	334439	37.955	ng		100
77) Pyrene	12.77	202	678677	35.741	ng		99
79) Butylbenzylphthalate	13.40	149	330909	36.990	ng		98
80) Benzo(a)anthracene	13.96	228	590103	38.558	ng		98
81) 3,3'-Dichlorobenzidine	13.93	252	234274	41.056	ng		99
82) Chrysene	14.00	228	608612	38.716	ng		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	439284	38.177	ng		98
84) Di-n-octyl phthalate	14.58	149	763054	39.688	ng		96
85) Indeno(1,2,3-cd)pyrene	16.87	276	465083	34.828	ng		98
87) Benzo(b)fluoranthene	15.01	252	591646	39.014	ng		97
88) Benzo(k)fluoranthene	15.04	252	602509	42.083	ng		100
89) Benzo(a)pyrene	15.37	252	532043	39.211	ng		98
90) Dibenzo(a,h)anthracene	16.89	278	393024	35.267	ng		97
91) Benzo(g,h,i)perylene	17.30	276	361474	33.480	ng		96

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

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