Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
Data File : BF104302.D
Acq On : 6 Apr 2018 13:20
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Apr 06 14:25:42 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 13:46:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	144077	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	588226	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	273030	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	483294	20.00	ng		0.00
75) Chrysene-d12	13.97	240	379435	20.00	ng		0.00
86) Perylene-d12	15.43	264	367798	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	893022	98.85	ng		0.00
7) Phenol-d6	6.43	99	1106563	99.55	ng		0.00
23) Nitrobenzene-d5	7.37	82	924890	96.16	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	271768	89.39	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1567730	90.55	ng		0.00
78) Terphenyl-d14	12.92	244	1534274	93.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	219788	56.406	ng		92
3) Pyridine	3.25	79	614422	62.287	ng		89
4) n-Nitrosodimethylamine	3.22	42	213585	72.845	ng		84
6) Aniline	6.47	93	789409	59.326	ng		98
8) 2-Chlorophenol	6.59	128	480980	48.533	ng		98
9) Benzaldehyde	6.36	77	269137	45.622	ng		98
10) Phenol	6.45	94	590011	47.908	ng		98
11) bis(2-Chloroethyl)ether	6.55	93	471331	44.413	ng		97
12) 1,3-Dichlorobenzene	6.75	146	541260	48.587	ng		99
13) 1,4-Dichlorobenzene	6.82	146	542261	45.428	ng		99
14) 1,2-Dichlorobenzene	6.97	146	490206	45.690	ng		98
15) Benzyl Alcohol	6.95	79	420701	58.214	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	636994	55.094	ng		93
17) 2-Methylphenol	7.05	107	420701	52.157	ng		98
18) Hexachloroethane	7.32	117	197261	49.358	ng		94
19) n-Nitroso-di-n-propylamine	7.23	70	356404	54.030	ng		95
20) 3+4-Methylphenols	7.21	107	494498	48.036	ng	#	86
22) Acetophenone	7.22	105	669792	47.062	ng		97
24) Nitrobenzene	7.39	77	501015	49.506	ng		100
25) Isophorone	7.63	82	917042	51.734	ng		99
26) 2-Nitrophenol	7.70	139	221551	41.939	ng		98
27) 2,4-Dimethylphenol	7.74	122	411478	54.009	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	556160	50.060	ng		100
29) 2,4-Dichlorophenol	7.94	162	391306	49.173	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	420041	46.521	ng		99
31) Naphthalene	8.11	128	1381945	48.090	ng		99
32) Benzoic acid	7.88	122	371524	66.566	ng		95
33) 4-Chloroaniline	8.16	127	593304	48.972	ng		98
34) Hexachlorobutadiene	8.23	225	230826	46.979	ng		99
35) Caprolactam	8.55	113	134151	53.166	ng	#	79
36) 4-Chloro-3-methylphenol	8.64	107	414657	49.264	ng		100
37) 2-Methylnaphthalene	8.80	142	885512	46.780	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	370410	44.241	ng		99
40) Hexachlorocyclopentadiene	8.95	237	221334	64.170	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	264860	49.958	ng		98
43) 2,4,5-Trichlorophenol	9.11	196	295300	46.131	ng		97
45) 1,1'-Biphenyl	9.27	154	1065953	45.489	ng		100
46) 2-Chloronaphthalene	9.29	162	854353	46.220	ng		99
47) 2-Nitroaniline	9.39	65	245298	46.539	ng		95
48) Acenaphthylene	9.71	152	1324372	47.293	ng		99
49) Dimethylphthalate	9.57	163	997328	46.266	ng		100
50) 2,6-Dinitrotoluene	9.63	165	215106	46.382	ng		99
51) Acenaphthene	9.88	154	814702	50.291	ng		100
52) 3-Nitroaniline	9.80	138	248724	46.654	ng		99
53) 2,4-Dinitrophenol	9.90	184	67282	38.364	ng	#	21
54) Dibenzofuran	10.05	168	1137668	48.091	ng		97
55) 4-Nitrophenol	9.95	139	194169	60.742	ng		98
56) 2,4-Dinitrotoluene	10.03	165	276452	46.715	ng		97
57) Fluorene	10.40	166	826492	42.354	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	220712	46.020	ng		97
59) Diethylphthalate	10.27	149	1003144	48.576	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	365919	40.827	ng		98
61) 4-Nitroaniline	10.42	138	242793	48.671	ng		99
62) Azobenzene	10.55	77	963452	51.595	ng		95
64) 4,6-Dinitro-2-methylphenol	10.44	198	119653	40.900	ng		95
65) n-Nitrosodiphenylamine	10.51	169	795192	48.583	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	248390	48.039	ng		90
67) Hexachlorobenzene	10.94	284	277587	46.671	ng		94
68) Atrazine	11.04	200	238269	47.518	ng		98
69) Pentachlorophenol	11.13	266	186123	56.868	ng		98
70) Phenanthrene	11.36	178	1262338	48.243	ng		99
71) Anthracene	11.41	178	1276803	46.716	ng		100
72) Carbazole	11.56	167	1250762	47.948	ng		99
73) Di-n-butylphthalate	11.90	149	1490122	47.957	ng		99
74) Fluoranthene	12.54	202	1307445	47.008	ng		99
76) Benzidine	12.67	184	620843	57.416	ng		96
77) Pyrene	12.77	202	1347910	49.417	ng		99
79) Butylbenzylphthalate	13.40	149	649255	50.524	ng		97
80) Benzo(a)anthracene	13.96	228	1058457	44.582	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	408240	51.948	ng		97
82) Chrysene	14.00	228	1115369	47.964	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	788113	47.466	ng		100
84) Di-n-octyl phthalate	14.58	149	1402981	49.122	ng		97
85) Indeno(1,2,3-cd)pyrene	16.87	276	1019681	42.315	ng		98
87) Benzo(b)fluoranthene	15.01	252	1184829	52.932	ng		98
88) Benzo(k)fluoranthene	15.04	252	983557	46.646	ng		99
89) Benzo(a)pyrene	15.37	252	1018649	49.108	ng		98
90) Dibenzo(a,h)anthracene	16.89	278	840285	43.815	ng		99
91) Benzo(g,h,i)perylene	17.31	276	802650	41.785	ng		98

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

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