Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
Data File : BF104307.D
Acq On : 6 Apr 2018 15:33
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 06 23:07:31 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	137424	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	557886	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	268596	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	482596	20.00	ng		0.00
75) Chrysene-d12	13.97	240	380882	20.00	ng		0.00
86) Perylene-d12	15.43	264	337614	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	676228	75.24	ng		0.00
7) Phenol-d6	6.43	99	849777	76.95	ng		0.00
23) Nitrobenzene-d5	7.37	82	712176	83.36	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	211115	75.77	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1282272	75.42	ng		0.00
78) Terphenyl-d14	12.92	244	1262897	75.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	165937	39.624	ng		90
3) Pyridine	3.25	79	462407	39.273	ng		89
4) n-Nitrosodimethylamine	3.22	42	157460	38.257	ng		85
6) Aniline	6.47	93	593420	38.680	ng		98
8) 2-Chlorophenol	6.59	128	367875	38.781	ng		96
9) Benzaldehyde	6.35	77	223593	40.040	ng		98
10) Phenol	6.44	94	450538	38.453	ng		99
11) bis(2-Chloroethyl)ether	6.54	93	365201	39.059	ng		98
12) 1,3-Dichlorobenzene	6.75	146	415158	38.631	ng		99
13) 1,4-Dichlorobenzene	6.82	146	414537	38.696	ng		99
14) 1,2-Dichlorobenzene	6.97	146	383012	38.582	ng		99
15) Benzyl Alcohol	6.95	79	320016	38.155	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	482631	38.436	ng		93
17) 2-Methylphenol	7.05	107	320646	38.886	ng		98
18) Hexachloroethane	7.32	117	149449	39.128	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	268976	37.275	ng		95
20) 3+4-Methylphenols	7.21	107	394994	38.624	ng	#	77
22) Acetophenone	7.22	105	530453	38.621	ng		98
24) Nitrobenzene	7.39	77	388345	41.170	ng		97
25) Isophorone	7.63	82	688655	38.117	ng		98
26) 2-Nitrophenol	7.70	139	169917	44.248	ng		94
27) 2,4-Dimethylphenol	7.73	122	313334	39.297	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	427172	38.671	ng		99
29) 2,4-Dichlorophenol	7.94	162	297625	39.121	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	323319	38.724	ng		99
31) Naphthalene	8.11	128	1074606	38.683	ng		100
32) Benzoic acid	7.86	122	277390	43.602	ng		97
33) 4-Chloroaniline	8.16	127	460698	38.710	ng		99
34) Hexachlorobutadiene	8.23	225	180319	39.429	ng		97
35) Caprolactam	8.54	113	103958	39.170	ng	#	75
36) 4-Chloro-3-methylphenol	8.63	107	318013	38.983	ng		99
37) 2-Methylnaphthalene	8.80	142	701835	39.058	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	293268	38.142	ng		100
40) Hexachlorocyclopentadiene	8.95	237	170565	39.625	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	207286	38.836	ng		98
43) 2,4,5-Trichlorophenol	9.11	196	230173	38.537	ng		99
45) 1,1'-Biphenyl	9.26	154	856018	37.937	ng		100
46) 2-Chloronaphthalene	9.29	162	675919	37.925	ng		99
47) 2-Nitroaniline	9.39	65	191753	43.506	ng		98
48) Acenaphthylene	9.70	152	1065038	38.087	ng		100
49) Dimethylphthalate	9.57	163	797910	37.671	ng		99
50) 2,6-Dinitrotoluene	9.63	165	169422	43.228	ng		96
51) Acenaphthene	9.88	154	644333	37.766	ng		99
52) 3-Nitroaniline	9.80	138	196467	42.819	ng		99
53) 2,4-Dinitrophenol	9.90	184	50750	41.673	ng	#	18
54) Dibenzofuran	10.05	168	899665	37.838	ng		99
55) 4-Nitrophenol	9.95	139	151357	41.994	ng		100
56) 2,4-Dinitrotoluene	10.03	165	216382	42.090	ng		93
57) Fluorene	10.39	166	672819	38.877	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	175674	39.425	ng		96
59) Diethylphthalate	10.27	149	790304	37.465	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	299496	38.858	ng		99
61) 4-Nitroaniline	10.41	138	193007	43.021	ng		99
62) Azobenzene	10.55	77	761458	37.783	ng		98
64) 4,6-Dinitro-2-methylphenol	10.43	198	93958	41.204	ng		93
65) n-Nitrosodiphenylamine	10.50	169	639457	38.216	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	195413	38.068	ng		96
67) Hexachlorobenzene	10.93	284	219728	38.041	ng		97
68) Atrazine	11.03	200	190074	37.633	ng		100
69) Pentachlorophenol	11.13	266	145010	40.581	ng		98
70) Phenanthrene	11.36	178	1010354	37.594	ng		98
71) Anthracene	11.40	178	1030651	37.726	ng		100
72) Carbazole	11.56	167	1000404	37.474	ng		100
73) Di-n-butylphthalate	11.89	149	1219794	37.405	ng		99
74) Fluoranthene	12.54	202	1057969	37.677	ng		100
76) Benzidine	12.67	184	505149	38.791	ng		97
77) Pyrene	12.77	202	1092118	38.683	ng		100
79) Butylbenzylphthalate	13.40	149	520956	39.168	ng		96
80) Benzo(a)anthracene	13.96	228	862828	37.919	ng		100
81) 3,3'-Dichlorobenzidine	13.93	252	335377	39.530	ng		97
82) Chrysene	14.00	228	884043	37.825	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	662015	38.696	ng		100
84) Di-n-octyl phthalate	14.58	149	1136837	39.769	ng		97
85) Indeno(1,2,3-cd)pyrene	16.86	276	738463	37.194	ng		98
87) Benzo(b)fluoranthene	15.01	252	822835	38.589	ng		98
88) Benzo(k)fluoranthene	15.04	252	806126	40.044	ng		99
89) Benzo(a)pyrene	15.37	252	749442	39.281	ng		98
90) Dibenzo(a,h)anthracene	16.89	278	614509	39.217	ng		99
91) Benzo(g,h,i)perylene	17.30	276	588496	38.765	ng		96

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

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