Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103221.D
Acq On : 26 Feb 2018 16:59
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 26 17:35:08 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 02:43:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	166277	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	700631	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	316456	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	527402	20.00	ng		0.00
75) Chrysene-d12	14.05	240	349909	20.00	ng		0.00
86) Perylene-d12	15.54	264	306677	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	876381	79.71	ng		0.00
7) Phenol-d6	6.50	99	1041884	77.45	ng		0.00
23) Nitrobenzene-d5	7.44	82	953299	77.70	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	202086	75.44	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1421064	75.26	ng		0.00
78) Terphenyl-d14	12.99	244	1129768	77.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	233272	40.173	ng		92
3) Pyridine	3.42	79	651078	42.000	ng		98
4) n-Nitrosodimethylamine	3.37	42	256317	40.998	ng		97
6) Aniline	6.54	93	772043	39.764	ng		97
8) 2-Chlorophenol	6.66	128	449185	39.330	ng		94
9) Benzaldehyde	6.43	77	317010	38.285	ng		98
10) Phenol	6.52	94	616458	39.473	ng		94
11) bis(2-Chloroethyl)ether	6.61	93	473193	39.921	ng		94
12) 1,3-Dichlorobenzene	6.81	146	513276	39.327	ng		97
13) 1,4-Dichlorobenzene	6.89	146	506687	38.722	ng		98
14) 1,2-Dichlorobenzene	7.05	146	463255	38.394	ng		98
15) Benzyl Alcohol	7.02	79	398833	39.343	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	802060	39.405	ng		99
17) 2-Methylphenol	7.12	107	409881	39.491	ng		98
18) Hexachloroethane	7.38	117	187909	39.447	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	316070	37.751	ng		97
20) 3+4-Methylphenols	7.28	107	464779	36.736	ng	#	67
22) Acetophenone	7.29	105	611707	37.404	ng	#	95
24) Nitrobenzene	7.46	77	526020	38.943	ng		96
25) Isophorone	7.69	82	921953	38.156	ng		97
26) 2-Nitrophenol	7.77	139	258208	40.606	ng		91
27) 2,4-Dimethylphenol	7.80	122	375301	38.612	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	549144	38.655	ng		99
29) 2,4-Dichlorophenol	8.02	162	360254	38.713	ng		96
30) 1,2,4-Trichlorobenzene	8.10	180	382853	38.634	ng		99
31) Naphthalene	8.17	128	1309335	38.171	ng		99
32) Benzoic acid	7.95	122	314528	44.249	ng		98
33) 4-Chloroaniline	8.23	127	571866	38.635	ng		98
34) Hexachlorobutadiene	8.29	225	197722	38.316	ng		99
35) Caprolactam	8.61	113	131438	40.188	ng	#	84
36) 4-Chloro-3-methylphenol	8.71	107	408528	38.922	ng		97
37) 2-Methylnaphthalene	8.87	142	839850	37.885	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	332345	38.416	ng		98
40) Hexachlorocyclopentadiene	9.02	237	89361	34.933	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	230912	39.667	ng		98
43) 2,4,5-Trichlorophenol	9.19	196	255907	38.222	ng		98
45) 1,1'-Biphenyl	9.33	154	996585	37.582	ng		98
46) 2-Chloronaphthalene	9.36	162	789846	37.650	ng		99
47) 2-Nitroaniline	9.46	65	306618	39.457	ng		87
48) Acenaphthylene	9.77	152	1208599	37.443	ng		100
49) Dimethylphthalate	9.63	163	954363	37.593	ng		99
50) 2,6-Dinitrotoluene	9.70	165	207598	38.967	ng		91
51) Acenaphthene	9.95	154	705695	37.494	ng		98
52) 3-Nitroaniline	9.87	138	266443	39.420	ng		98
53) 2,4-Dinitrophenol	9.98	184	61353	37.669	ng	#	19
54) Dibenzofuran	10.12	168	997209	38.596	ng		95
55) 4-Nitrophenol	10.03	139	150058	35.821	ng		93
56) 2,4-Dinitrotoluene	10.10	165	265230	39.364	ng	#	92
57) Fluorene	10.46	166	786585	35.738	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	174574	38.814	ng		98
59) Diethylphthalate	10.33	149	894848	36.855	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	347408	37.221	ng		96
61) 4-Nitroaniline	10.49	138	260024	38.516	ng		95
62) Azobenzene	10.61	77	944819	38.229	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	120639	38.666	ng		92
65) n-Nitrosodiphenylamine	10.57	169	713158	38.836	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	214292	39.005	ng		97
67) Hexachlorobenzene	11.01	284	231915	38.891	ng		97
68) Atrazine	11.10	200	209438	37.945	ng		98
69) Pentachlorophenol	11.20	266	113452	39.348	ng		98
70) Phenanthrene	11.43	178	1079747	37.201	ng		99
71) Anthracene	11.48	178	1139111	38.273	ng		99
72) Carbazole	11.63	167	1120477	37.804	ng		99
73) Di-n-butylphthalate	11.95	149	1404651	37.874	ng		100
74) Fluoranthene	12.62	202	1091352	37.418	ng		99
76) Benzidine	12.73	184	493653	37.737	ng		99
77) Pyrene	12.85	202	1120839	41.085	ng		99
79) Butylbenzylphthalate	13.45	149	581154	40.320	ng		95
80) Benzo(a)anthracene	14.04	228	886777	39.059	ng		100
81) 3,3'-Dichlorobenzidine	14.00	252	319338	39.413	ng		98
82) Chrysene	14.07	228	857178	38.884	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	773801	39.783	ng	#	98
84) Di-n-octyl phthalate	14.63	149	1170497	37.246	ng		99
85) Indeno(1,2,3-cd)pyrene	17.06	276	719854	41.247	ng		99
87) Benzo(b)fluoranthene	15.10	252	780584	38.712	ng		99
88) Benzo(k)fluoranthene	15.13	252	734875	38.703	ng		99
89) Benzo(a)pyrene	15.47	252	704684	39.136	ng	#	97
90) Dibenzo(a,h)anthracene	17.06	278	597022	42.909	ng		99
91) Benzo(g,h,i)perylene	17.51	276	604102	44.425	ng		95

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

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