Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
Data File : BF102252.D
Acq On : 20 Jan 2018 8:55
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 22 01:18:27 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 19 13:31:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	124621	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	516768	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	233770	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	400043	20.00	ng		0.00
75) Chrysene-d12	13.87	240	266425	20.00	ng		0.00
86) Perylene-d12	15.29	264	228397	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	672945	76.25	ng		0.00
7) Phenol-d6	6.36	99	812626	77.18	ng		0.00
23) Nitrobenzene-d5	7.29	82	737131	83.82	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	180802	88.62	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1283377	85.77	ng		0.00
78) Terphenyl-d14	12.83	244	1003435	78.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	155101	35.22	ng		98
3) Pyridine	3.07	79	428289	35.61	ng		95
4) n-Nitrosodimethylamine	3.03	42	171257	34.00	ng		97
6) Aniline	6.39	93	545653	36.77	ng		100
8) 2-Chlorophenol	6.50	128	352233	39.79	ng		97
9) Benzaldehyde	6.27	77	279048	38.17	ng		97
10) Phenol	6.37	94	434554	36.52	ng		77
11) bis(2-Chloroethyl)ether	6.46	93	335408	37.03	ng		99
12) 1,3-Dichlorobenzene	6.66	146	403936	39.59	ng		99
13) 1,4-Dichlorobenzene	6.74	146	405068	39.78	ng		97
14) 1,2-Dichlorobenzene	6.89	146	379678	40.29	ng		97
15) Benzyl Alcohol	6.87	79	294496	38.24	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	553747	33.17	ng		99
17) 2-Methylphenol	6.98	107	305690	38.28	ng		98
18) Hexachloroethane	7.23	117	141649	39.51	ng		92
19) n-Nitroso-di-n-propylamine	7.14	70	246922	35.78	ng		96
20) 3+4-Methylphenols	7.14	107	365203	38.09	ng	#	71
22) Acetophenone	7.13	105	489877	39.34	ng	#	90
24) Nitrobenzene	7.31	77	379218	40.13	ng		96
25) Isophorone	7.55	82	647274	37.25	ng		99
26) 2-Nitrophenol	7.62	139	199143	50.35	ng		95
27) 2,4-Dimethylphenol	7.66	122	288096	39.00	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	387906	36.97	ng		99
29) 2,4-Dichlorophenol	7.86	162	290494	41.42	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	301507	41.10	ng		99
31) Naphthalene	8.03	128	1033644	40.03	ng		100
32) Benzoic acid	7.80	122	202860	36.22	ng		95
33) 4-Chloroaniline	8.08	127	444430	40.32	ng		98
34) Hexachlorobutadiene	8.14	225	160854	41.42	ng		99
35) Caprolactam	8.46	113	99125	41.17	ng		89
36) 4-Chloro-3-methylphenol	8.56	107	309981	40.38	ng		100
37) 2-Methylnaphthalene	8.72	142	686352	40.38	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	280205	42.37	ng		99
40) Hexachlorocyclopentadiene	8.86	237	129203	35.72	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	188158	41.29	ng		97
43) 2,4,5-Trichlorophenol	9.04	196	215918	41.92	ng		97
45) 1,1'-Biphenyl	9.18	154	825251	39.94	ng		99
46) 2-Chloronaphthalene	9.20	162	651847	40.68	ng		98
47) 2-Nitroaniline	9.30	65	214101	44.61	ng		94
48) Acenaphthylene	9.62	152	1009519	39.70	ng		99
49) Dimethylphthalate	9.49	163	757506	40.39	ng		99
50) 2,6-Dinitrotoluene	9.55	165	164870	44.01	ng		94
51) Acenaphthene	9.79	154	591861	38.35	ng		99
52) 3-Nitroaniline	9.72	138	203984	43.15	ng		86
53) 2,4-Dinitrophenol	9.82	184	61671	47.08	ng	#	20
54) Dibenzofuran	9.96	168	833927	39.37	ng		98
55) 4-Nitrophenol	9.89	139	163338	46.36	ng		88
56) 2,4-Dinitrotoluene	9.95	165	211757	45.10	ng		96
57) Fluorene	10.30	166	651406	44.49	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	148968	40.62	ng		98
59) Diethylphthalate	10.18	149	715577	38.36	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	276956	44.42	ng		99
61) 4-Nitroaniline	10.33	138	193383	43.10	ng		91
62) Azobenzene	10.46	77	679770	36.63	ng		98
64) 4,6-Dinitro-2-methylphenol	10.36	198	97506	45.25	ng		82
65) n-Nitrosodiphenylamine	10.42	169	588176	39.26	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	173027	40.96	ng		95
67) Hexachlorobenzene	10.85	284	193672	41.99	ng		92
68) Atrazine	10.95	200	173536	40.09	ng		98
69) Pentachlorophenol	11.05	266	99829	35.50	ng		99
70) Phenanthrene	11.26	178	937747	40.13	ng		99
71) Anthracene	11.32	178	940163	39.67	ng		99
72) Carbazole	11.47	167	885470	38.01	ng		100
73) Di-n-butylphthalate	11.80	149	1101472	38.54	ng		99
74) Fluoranthene	12.45	202	891547	38.78	ng		98
76) Benzidine	12.57	184	277056	21.54	ng		99
77) Pyrene	12.68	202	911819	38.72	ng		99
79) Butylbenzylphthalate	13.30	149	426803	39.49	ng		99
80) Benzo(a)anthracene	13.86	228	653863	38.47	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	230985	36.70	ng	#	97
82) Chrysene	13.90	228	667367	37.65	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	542637	43.77	ng		98
84) Di-n-octyl phthalate	14.47	149	849292	41.28	ng		99
85) Indeno(1,2,3-cd)pyrene	16.69	276	553299	42.89	ng		98
87) Benzo(b)fluoranthene	14.89	252	588856	39.54	ng		99
88) Benzo(k)fluoranthene	14.92	252	549066	38.22	ng		98
89) Benzo(a)pyrene	15.24	252	536366	40.02	ng		100
90) Dibenzo(a,h)anthracene	16.70	278	451911	42.26	ng		98
91) Benzo(g,h,i)perylene	17.10	276	466848	43.34	ng		96

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

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