Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102375.D
Acq On : 24 Jan 2018 7:30
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 24 10:05:11 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 00:43:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	125477	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	521205	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	229069	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	350459	20.00	ng		0.00
75) Chrysene-d12	13.88	240	230335	20.00	ng		0.00
86) Perylene-d12	15.30	264	222931	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	680969	82.29	ng		0.00
7) Phenol-d6	6.36	99	807893	80.98	ng		0.00
23) Nitrobenzene-d5	7.29	82	735535	81.10	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	155634	68.57	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1283592	82.39	ng		0.00
78) Terphenyl-d14	12.82	244	850094	83.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	158108	40.212	ng		97
3) Pyridine	3.05	79	420478	40.921	ng		95
4) n-Nitrosodimethylamine	3.02	42	166208	41.260	ng		98
6) Aniline	6.38	93	529302	40.111	ng	#	77
8) 2-Chlorophenol	6.50	128	356037	41.043	ng		96
9) Benzaldehyde	6.27	77	230406	42.556	ng		94
10) Phenol	6.37	94	429417	39.425	ng	#	71
11) bis(2-Chloroethyl)ether	6.46	93	341509	41.225	ng		97
12) 1,3-Dichlorobenzene	6.66	146	416081	40.330	ng		99
13) 1,4-Dichlorobenzene	6.73	146	419936	40.634	ng		99
14) 1,2-Dichlorobenzene	6.89	146	387332	40.974	ng		99
15) Benzyl Alcohol	6.86	79	279288	39.676	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	550735	39.639	ng		95
17) 2-Methylphenol	6.98	107	304319	40.393	ng		98
18) Hexachloroethane	7.22	117	127217	35.325	ng		93
19) n-Nitroso-di-n-propylamine	7.14	70	245662	40.236	ng		99
20) 3+4-Methylphenols	7.14	107	363852	41.063	ng	#	83
22) Acetophenone	7.13	105	491142	39.530	ng	#	92
24) Nitrobenzene	7.30	77	375349	40.440	ng		99
25) Isophorone	7.55	82	649343	40.160	ng		98
26) 2-Nitrophenol	7.62	139	188247	38.536	ng		92
27) 2,4-Dimethylphenol	7.66	122	280101	39.488	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	398389	39.886	ng		100
29) 2,4-Dichlorophenol	7.86	162	286146	39.603	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	306983	39.635	ng		98
31) Naphthalene	8.02	128	1036808	39.842	ng		99
32) Benzoic acid	7.80	122	194895	32.794	ng		96
33) 4-Chloroaniline	8.07	127	435773	39.822	ng		100
34) Hexachlorobutadiene	8.13	225	165346	39.970	ng		98
35) Caprolactam	8.46	113	96871	40.595	ng		93
36) 4-Chloro-3-methylphenol	8.56	107	300409	39.444	ng		98
37) 2-Methylnaphthalene	8.72	142	684588	39.502	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	276372	40.102	ng		99
40) Hexachlorocyclopentadiene	8.86	237	37896	12.287	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	184591	40.011	ng		97
43) 2,4,5-Trichlorophenol	9.04	196	205428	39.547	ng		96
45) 1,1'-Biphenyl	9.18	154	819280	39.999	ng		98
46) 2-Chloronaphthalene	9.20	162	636064	39.952	ng		98
47) 2-Nitroaniline	9.30	65	208964	42.100	ng		95
48) Acenaphthylene	9.62	152	972210	39.196	ng		100
49) Dimethylphthalate	9.48	163	779754	41.183	ng		100
50) 2,6-Dinitrotoluene	9.55	165	162994	39.928	ng		89
51) Acenaphthene	9.79	154	563317	38.887	ng		98
52) 3-Nitroaniline	9.72	138	194382	40.252	ng		89
53) 2,4-Dinitrophenol	9.83	184	20786	14.520	ng	#	22
54) Dibenzofuran	9.96	168	793360	40.467	ng		97
55) 4-Nitrophenol	9.89	139	110207	34.572	ng		94
56) 2,4-Dinitrotoluene	9.95	165	190048	37.858	ng	#	96
57) Fluorene	10.30	166	614571	39.560	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	139642	37.651	ng		97
59) Diethylphthalate	10.18	149	728167	39.576	ng		97
60) 4-Chlorophenyl-phenylether	10.29	204	276523	41.056	ng		97
61) 4-Nitroaniline	10.33	138	188626	39.144	ng		89
62) Azobenzene	10.46	77	644160	38.239	ng		96
64) 4,6-Dinitro-2-methylphenol	10.36	198	47083	20.137	ng		96
65) n-Nitrosodiphenylamine	10.42	169	568491	44.195	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	168326	44.617	ng	#	87
67) Hexachlorobenzene	10.85	284	165883	39.315	ng		97
68) Atrazine	10.95	200	158630	41.755	ng		98
69) Pentachlorophenol	11.04	266	83131	37.506	ng		99
70) Phenanthrene	11.26	178	808514	39.590	ng		99
71) Anthracene	11.32	178	836629	40.137	ng		99
72) Carbazole	11.47	167	777421	38.230	ng		99
73) Di-n-butylphthalate	11.80	149	1083738	42.635	ng		98
74) Fluoranthene	12.45	202	726179	34.870	ng		98
76) Benzidine	12.58	184	322106	41.628	ng		99
77) Pyrene	12.68	202	728285	40.895	ng		98
79) Butylbenzylphthalate	13.30	149	373783	42.176	ng		96
80) Benzo(a)anthracene	13.87	228	569898	40.187	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	219023	42.103	ng		98
82) Chrysene	13.90	228	575432	39.959	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	488280	40.996	ng		100
84) Di-n-octyl phthalate	14.47	149	762525	39.368	ng		99
85) Indeno(1,2,3-cd)pyrene	16.69	276	524686	44.117	ng		99
87) Benzo(b)fluoranthene	14.90	252	590287	40.852	ng		99
88) Benzo(k)fluoranthene	14.92	252	520120	38.100	ng		99
89) Benzo(a)pyrene	15.24	252	524784	40.270	ng		99
90) Dibenzo(a,h)anthracene	16.71	278	434184	41.130	ng		99
91) Benzo(g,h,i)perylene	17.12	276	417038	40.011	ng		97

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

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