Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102334.D
Acq On : 23 Jan 2018 9:56
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 23 17:14:53 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	136723	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	583961	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	263852	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	449732	20.00	ng		0.00
75) Chrysene-d12	13.89	240	345542	20.00	ng		0.01
86) Perylene-d12	15.30	264	296271	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	725719	80.48	ng		0.00
7) Phenol-d6	6.37	99	869582	79.99	ng		0.01
23) Nitrobenzene-d5	7.29	82	805262	79.24	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	203469	77.83	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1434546	79.94	ng		0.00
78) Terphenyl-d14	12.83	244	1202007	78.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	170339	39.759	ng		99
3) Pyridine	3.09	79	457646	40.875	ng		97
4) n-Nitrosodimethylamine	3.05	42	179734	40.948	ng		98
6) Aniline	6.39	93	570684	39.689	ng		92
8) 2-Chlorophenol	6.50	128	390556	41.319	ng		99
9) Benzaldehyde	6.27	77	243026	40.436	ng		96
10) Phenol	6.38	94	462046	38.932	ng	#	64
11) bis(2-Chloroethyl)ether	6.46	93	370491	41.045	ng		99
12) 1,3-Dichlorobenzene	6.66	146	452586	40.260	ng		99
13) 1,4-Dichlorobenzene	6.73	146	453654	40.286	ng		99
14) 1,2-Dichlorobenzene	6.89	146	423509	41.116	ng		97
15) Benzyl Alcohol	6.87	79	307847	40.135	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	610300	40.313	ng		94
17) 2-Methylphenol	6.99	107	329863	40.182	ng		95
18) Hexachloroethane	7.23	117	162106	41.311	ng		95
19) n-Nitroso-di-n-propylamine	7.14	70	268986	40.432	ng		96
20) 3+4-Methylphenols	7.14	107	397370	41.157	ng	#	73
22) Acetophenone	7.13	105	543961	39.076	ng	#	92
24) Nitrobenzene	7.31	77	413055	39.720	ng		97
25) Isophorone	7.55	82	730205	40.308	ng		99
26) 2-Nitrophenol	7.62	139	225690	41.235	ng		95
27) 2,4-Dimethylphenol	7.66	122	316584	39.835	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	448940	40.117	ng		99
29) 2,4-Dichlorophenol	7.87	162	325294	40.183	ng		94
30) 1,2,4-Trichlorobenzene	7.95	180	344728	39.725	ng		99
31) Naphthalene	8.03	128	1149048	39.410	ng		100
32) Benzoic acid	7.82	122	241584	36.282	ng		95
33) 4-Chloroaniline	8.08	127	487695	39.777	ng		99
34) Hexachlorobutadiene	8.14	225	188443	40.658	ng		99
35) Caprolactam	8.47	113	105824	39.581	ng		94
36) 4-Chloro-3-methylphenol	8.57	107	341652	40.038	ng		97
37) 2-Methylnaphthalene	8.72	142	757631	39.018	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	318219	40.087	ng		100
40) Hexachlorocyclopentadiene	8.86	237	146397	41.209	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	215120	40.481	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	246628	41.219	ng		98
45) 1,1'-Biphenyl	9.18	154	940829	39.878	ng		100
46) 2-Chloronaphthalene	9.20	162	725547	39.565	ng		100
47) 2-Nitroaniline	9.31	65	235900	41.261	ng		97
48) Acenaphthylene	9.62	152	1119241	39.176	ng		98
49) Dimethylphthalate	9.49	163	871323	39.952	ng		99
50) 2,6-Dinitrotoluene	9.55	165	186625	39.690	ng		97
51) Acenaphthene	9.79	154	656692	39.357	ng		99
52) 3-Nitroaniline	9.72	138	220025	39.556	ng		96
53) 2,4-Dinitrophenol	9.83	184	79033	39.427	ng	#	20
54) Dibenzofuran	9.96	168	918974	40.695	ng		97
55) 4-Nitrophenol	9.89	139	144815	39.440	ng		93
56) 2,4-Dinitrotoluene	9.96	165	228726	39.556	ng		94
57) Fluorene	10.31	166	733834	41.010	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	173541	40.623	ng		97
59) Diethylphthalate	10.18	149	838832	39.581	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	317704	40.951	ng		98
61) 4-Nitroaniline	10.34	138	221705	39.943	ng		91
62) Azobenzene	10.46	77	768037	39.582	ng		98
64) 4,6-Dinitro-2-methylphenol	10.37	198	129757	43.246	ng		83
65) n-Nitrosodiphenylamine	10.42	169	670345	40.610	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	202042	41.733	ng		98
67) Hexachlorobenzene	10.85	284	221026	40.821	ng		97
68) Atrazine	10.95	200	196834	40.374	ng		99
69) Pentachlorophenol	11.05	266	113991	40.077	ng		98
70) Phenanthrene	11.27	178	1034574	39.477	ng		99
71) Anthracene	11.32	178	1061130	39.670	ng		100
72) Carbazole	11.48	167	1031059	39.510	ng		100
73) Di-n-butylphthalate	11.80	149	1306490	40.053	ng		100
74) Fluoranthene	12.46	202	1049080	39.255	ng		97
76) Benzidine	12.58	184	433304	37.328	ng		99
77) Pyrene	12.69	202	1068142	39.981	ng		100
79) Butylbenzylphthalate	13.30	149	546476	41.103	ng		95
80) Benzo(a)anthracene	13.87	228	845372	39.738	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	321247	41.164	ng		98
82) Chrysene	13.91	228	851798	39.429	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	736775	41.236	ng	#	99
84) Di-n-octyl phthalate	14.47	149	1184200	40.754	ng		99
85) Indeno(1,2,3-cd)pyrene	16.70	276	684558	38.369	ng		99
87) Benzo(b)fluoranthene	14.90	252	811112	42.239	ng		100
88) Benzo(k)fluoranthene	14.93	252	691076	38.092	ng		97
89) Benzo(a)pyrene	15.25	252	698655	40.341	ng		98
90) Dibenzo(a,h)anthracene	16.72	278	552727	39.399	ng		98
91) Benzo(g,h,i)perylene	17.13	276	555210	40.081	ng		98

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

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