Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
Data File : BF092342.D
Acq On : 18 Jan 2017 10:35
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 19 00:35:52 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	215819	20.00	ng		-0.10
21) Naphthalene-d8	7.83	136	909967	20.00	ng		-0.10
38) Acenaphthene-d10	9.58	164	471651	20.00	ng		-0.10
63) Phenanthrene-d10	11.06	188	794483	20.00	ng		-0.10
75) Chrysene-d12	13.70	240	666147	20.00	ng		-0.09
86) Perylene-d12	15.03	264	711864	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	1248318	96.58	ng		-0.11
7) Phenol-d6	6.22	99	1388266	87.97	ng		-0.09
23) Nitrobenzene-d5	7.12	82	1221177	74.62	ng		-0.09
41) 2,4,6-Tribromophenol	10.37	330	314791	80.65	ng		-0.10
44) 2-Fluorobiphenyl	8.92	172	2088260	91.74	ng		-0.09
78) Terphenyl-d14	12.65	244	2176625	79.25	ng		-0.10
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	297346	46.73	ng		99
3) Pyridine	2.55	79	788711	35.51	ng		96
4) n-Nitrosodimethylamine	2.53	42	337830	40.33	ng		99
6) Aniline	6.21	93	873103	42.60	ng	#	50
8) 2-Chlorophenol	6.34	128	630919	42.91	ng		94
9) Benzaldehyde	6.08	77	372207	42.16	ng		93
10) Phenol	6.23	94	858208	47.72	ng	#	69
11) bis(2-Chloroethyl)ether	6.29	93	624962	43.68	ng		97
12) 1,3-Dichlorobenzene	6.48	146	682630	43.49	ng	#	94
13) 1,4-Dichlorobenzene	6.56	146	678973	42.50	ng		96
14) 1,2-Dichlorobenzene	6.71	146	547389	39.49	ng		96
15) Benzyl Alcohol	6.71	79	539043	43.96	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.84	45	888374	41.69	ng	#	19
17) 2-Methylphenol	6.84	107	489903	41.43	ng	#	90
18) Hexachloroethane	7.06	117	261374	44.13	ng		98
19) n-Nitroso-di-n-propylamine	6.99	70	479188	45.64	ng		96
20) 3+4-Methylphenols	7.00	107	657193	46.60	ng	#	73
22) Acetophenone	6.98	105	942173	41.98	ng	#	93
24) Nitrobenzene	7.15	77	778680	44.68	ng		92
25) Isophorone	7.39	82	1218095	40.35	ng		96
26) 2-Nitrophenol	7.46	139	330800	38.49	ng		94
27) 2,4-Dimethylphenol	7.52	122	554852	38.92	ng		95
28) bis(2-Chloroethoxy)methane	7.60	93	734043	40.09	ng		99
29) 2,4-Dichlorophenol	7.72	162	483844	40.08	ng		97
30) 1,2,4-Trichlorobenzene	7.79	180	534086	40.37	ng		98
31) Naphthalene	7.86	128	1654004	39.71	ng		99
32) Benzoic acid	7.71	122	403598	38.17	ng		98
33) 4-Chloroaniline	7.92	127	771422	41.08	ng		97
34) Hexachlorobutadiene	7.98	225	301985	43.25	ng		99
35) Caprolactam	8.31	113	168407	42.45	ng	#	56
36) 4-Chloro-3-methylphenol	8.43	107	568261	40.91	ng		99
37) 2-Methylnaphthalene	8.55	142	1143635	45.49	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	456446	38.30	ng		99
40) Hexachlorocyclopentadiene	8.70	237	198731	39.56	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	319645	38.36	ng		98
43) 2,4,5-Trichlorophenol	8.88	196	331033	38.60	ng		96
45) 1,1'-Biphenyl	9.01	154	1362332	42.18	ng		97
46) 2-Chloronaphthalene	9.03	162	964523	37.71	ng		94
47) 2-Nitroaniline	9.15	65	421880	46.33	ng		94
48) Acenaphthylene	9.44	152	1529167	38.88	ng		99
49) Dimethylphthalate	9.33	163	1232529	40.86	ng		99
50) 2,6-Dinitrotoluene	9.40	165	283087	42.87	ng	#	71
51) Acenaphthene	9.62	154	947828	35.54	ng		99
52) 3-Nitroaniline	9.56	138	309692	37.90	ng		99
53) 2,4-Dinitrophenol	9.67	184	168370	45.83	ng	#	56
54) Dibenzofuran	9.79	168	1277211	35.47	ng		98
55) 4-Nitrophenol	9.75	139	199015m	35.87	ng		
56) 2,4-Dinitrotoluene	9.80	165	371121	44.78	ng		97
57) Fluorene	10.13	166	1064265	40.62	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	264854	39.05	ng		97
59) Diethylphthalate	10.03	149	1320716	45.08	ng		97
60) 4-Chlorophenyl-phenylether	10.13	204	511140	44.56	ng	#	83
61) 4-Nitroaniline	10.18	138	340387	40.20	ng		98
62) Azobenzene	10.29	77	1462881	45.35	ng		91
64) 4,6-Dinitro-2-methylphenol	10.21	198	224159	46.66	ng	#	68
65) n-Nitrosodiphenylamine	10.26	169	1084678	46.01	ng		99
66) 4-Bromophenyl-phenylether	10.61	248	310121	37.52	ng		97
67) Hexachlorobenzene	10.68	284	361828	40.96	ng		98
68) Atrazine	10.78	200	198913	26.16	ng		99
69) Pentachlorophenol	10.88	266	161875	37.35	ng		99
70) Phenanthrene	11.08	178	1677927	38.95	ng		99
71) Anthracene	11.14	178	1715455	44.86	ng		99
72) Carbazole	11.30	167	1479271	39.57	ng		100
73) Di-n-butylphthalate	11.64	149	2007387	49.60	ng		99
74) Fluoranthene	12.27	202	2281274	61.79	ng		97
76) Benzidine	12.39	184	997659	64.96	ng		98
77) Pyrene	12.50	202	2232632	45.68	ng		99
79) Butylbenzylphthalate	13.13	149	1091386	49.10	ng		91
80) Benzo(a)anthracene	13.67	228	1758719	46.77	ng		99
81) 3,3'-Dichlorobenzidine	13.65	252	690976	48.46	ng	#	97
82) Chrysene	13.72	228	1827836	48.46	ng		100
83) Bis(2-ethylhexyl)phthalate	13.69	149	1187858	45.38	ng		99
84) Di-n-octyl phthalate	14.30	149	2441053	50.34	ng		99
85) Indeno(1,2,3-cd)pyrene	16.26	276	1428998	43.73	ng		98
87) Benzo(b)fluoranthene	14.68	252	1724483m	38.91	ng		
88) Benzo(k)fluoranthene	14.70	252	1404498m	37.16	ng		
89) Benzo(a)pyrene	14.99	252	1532088	38.95	ng		99
90) Dibenzo(a,h)anthracene	16.27	278	1183188	36.59	ng		99
91) Benzo(g,h,i)perylene	16.62	276	1266894	37.68	ng	#	96

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

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