Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
Data File : BF094169.D
Acq On : 4 Apr 2017 15:57
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 05 00:55:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.88	152	189053	20.00	ng		-0.02
21) Naphthalene-d8	7.39	136	752349	20.00	ng		-0.02
38) Acenaphthene-d10	9.53	164	345689	20.00	ng		-0.02
63) Phenanthrene-d10	11.35	188	615970	20.00	ng		-0.02
75) Chrysene-d12	14.61	240	506920	20.00	ng		-0.02
86) Perylene-d12	16.23	264	425870	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.41	112	879905	78.61	ng		-0.02
7) Phenol-d6	5.49	99	1070402	77.30	ng		-0.02
23) Nitrobenzene-d5	6.53	82	1083360	82.18	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	238483	87.30	ng		-0.02
44) 2-Fluorobiphenyl	8.71	172	1856009	81.89	ng		-0.02
78) Terphenyl-d14	13.33	244	1811027	80.08	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	211076	39.25	ng		97
3) Pyridine	2.73	79	581986	39.71	ng		99
4) n-Nitrosodimethylamine	2.69	42	235197	39.00	ng		89
6) Aniline	5.50	93	693603	36.01	ng	#	40
8) 2-Chlorophenol	5.65	128	494150	40.16	ng		98
9) Benzaldehyde	5.37	77	340518	36.42	ng		100
10) Phenol	5.50	94	600347	38.10	ng	#	74
11) bis(2-Chloroethyl)ether	5.59	93	490809	39.86	ng		99
12) 1,3-Dichlorobenzene	5.82	146	552900	40.06	ng		99
13) 1,4-Dichlorobenzene	5.90	146	566849	40.55	ng		95
14) 1,2-Dichlorobenzene	6.07	146	520968	40.47	ng		96
15) Benzyl Alcohol	6.05	79	388796	38.36	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.21	45	711157	37.48	ng		96
17) 2-Methylphenol	6.19	107	413674	39.26	ng		97
18) Hexachloroethane	6.47	117	200977	40.91	ng	#	84
19) n-Nitroso-di-n-propylamine	6.37	70	346932	38.98	ng		97
20) 3+4-Methylphenols	6.37	107	533492	41.81	ng	#	63
22) Acetophenone	6.36	105	718420	42.84	ng	#	87
24) Nitrobenzene	6.56	77	526815	40.52	ng		94
25) Isophorone	6.85	82	943089	40.71	ng		94
26) 2-Nitrophenol	6.93	139	280832	45.29	ng		96
27) 2,4-Dimethylphenol	7.00	122	436668	40.87	ng		99
28) bis(2-Chloroethoxy)methane	7.10	93	618206	40.47	ng		99
29) 2,4-Dichlorophenol	7.23	162	418990	41.94	ng		98
30) 1,2,4-Trichlorobenzene	7.32	180	425821	41.39	ng		98
31) Naphthalene	7.41	128	1474862	40.77	ng		100
32) Benzoic acid	7.16	122	241913	34.01	ng		96
33) 4-Chloroaniline	7.48	127	599058	40.86	ng		95
34) Hexachlorobutadiene	7.57	225	222059	42.09	ng		97
35) Caprolactam	7.93	113	133061	41.77	ng		98
36) 4-Chloro-3-methylphenol	8.10	107	438584	42.02	ng		90
37) 2-Methylnaphthalene	8.25	142	989455	41.03	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.46	216	391260	41.37	ng		99
40) Hexachlorocyclopentadiene	8.45	237	170372	38.50	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.60	196	273383	40.86	ng		99
43) 2,4,5-Trichlorophenol	8.66	196	295744	40.85	ng		96
45) 1,1'-Biphenyl	8.83	154	1122659	40.26	ng		98
46) 2-Chloronaphthalene	8.85	162	873149	40.00	ng		96
47) 2-Nitroaniline	8.97	65	271571	41.94	ng		86
48) Acenaphthylene	9.36	152	1448584	39.93	ng		98
49) Dimethylphthalate	9.22	163	1018736	41.46	ng		99
50) 2,6-Dinitrotoluene	9.29	165	240687	42.73	ng		98
51) Acenaphthene	9.57	154	842611	39.81	ng		99
52) 3-Nitroaniline	9.49	138	280722	42.44	ng		87
53) 2,4-Dinitrophenol	9.62	184	113836	40.23	ng	#	74
54) Dibenzofuran	9.78	168	1131115	39.26	ng		99
55) 4-Nitrophenol	9.72	139	194795	37.60	ng	#	69
56) 2,4-Dinitrotoluene	9.78	165	288729	40.80	ng	#	73
57) Fluorene	10.20	166	927796	38.83	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.94	232	202443	40.75	ng		98
59) Diethylphthalate	10.09	149	997790	41.08	ng		99
60) 4-Chlorophenyl-phenylether	10.21	204	396237	38.93	ng		92
61) 4-Nitroaniline	10.24	138	278844	43.93	ng		94
62) Azobenzene	10.40	77	919949	40.04	ng		97
64) 4,6-Dinitro-2-methylphenol	10.29	198	161610	42.84	ng	#	65
65) n-Nitrosodiphenylamine	10.36	169	846199	39.72	ng		98
66) 4-Bromophenyl-phenylether	10.81	248	250168	41.29	ng		96
67) Hexachlorobenzene	10.88	284	256376	41.81	ng	#	84
68) Atrazine	11.03	200	266442	41.76	ng		97
69) Pentachlorophenol	11.13	266	126517	33.14	ng		98
70) Phenanthrene	11.38	178	1366724	39.89	ng		100
71) Anthracene	11.44	178	1422353	40.32	ng		99
72) Carbazole	11.65	167	1428114	39.48	ng		98
73) Di-n-butylphthalate	12.10	149	1569772	41.72	ng		99
74) Fluoranthene	12.84	202	1431800	40.81	ng		99
76) Benzidine	13.02	184	702444	35.01	ng		95
77) Pyrene	13.12	202	1470731	39.98	ng		100
79) Butylbenzylphthalate	13.94	149	678435	43.28	ng	#	86
80) Benzo(a)anthracene	14.60	228	1194608	40.41	ng		99
81) 3,3'-Dichlorobenzidine	14.57	252	443912	42.01	ng	#	96
82) Chrysene	14.64	228	1079813	39.36	ng		99
83) Bis(2-ethylhexyl)phthalate	14.66	149	906014	42.37	ng	#	99
84) Di-n-octyl phthalate	15.41	149	1567762	43.88	ng		98
85) Indeno(1,2,3-cd)pyrene	17.58	276	968276	40.76	ng		99
87) Benzo(b)fluoranthene	15.83	252	1074167	41.15	ng		98
88) Benzo(k)fluoranthene	15.86	252	1014695	39.73	ng		96
89) Benzo(a)pyrene	16.18	252	982588	40.87	ng		99
90) Dibenzo(a,h)anthracene	17.60	278	817595	40.16	ng		98
91) Benzo(g,h,i)perylene	17.98	276	818422	39.89	ng		98

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

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