Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
Data File : BF086184.D
Acq On : 8 Apr 2016 22:45
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/11/2016 5:45:19 PM

Quant Time: Apr 09 00:41:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	141735	20.00	ng		-0.05
21) Naphthalene-d8	8.02	136	599583	20.00	ng		-0.05
38) Acenaphthene-d10	9.77	164	271757	20.00	ng		-0.05
63) Phenanthrene-d10	11.25	188	504590	20.00	ng		-0.05
75) Chrysene-d12	13.88	240	350667	20.00	ng		-0.05
86) Perylene-d12	15.28	264	270475	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	721262	86.98	ng		-0.05
7) Phenol-d6	6.38	99	854668	81.15	ng		-0.03
23) Nitrobenzene-d5	7.31	82	853910	83.99	ng		-0.03
41) 2,4,6-Tribromophenol	10.56	330	193580	75.89	ng		-0.05
44) 2-Fluorobiphenyl	9.09	172	1233301	75.46	ng		-0.05
78) Terphenyl-d14	12.83	244	1169766	78.41	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	174035	44.27	ng		100
3) Pyridine	2.92	79	392078	44.55	ng		100
4) n-Nitrosodimethylamine	2.89	42	158877	41.05	ng		98
6) Aniline	6.40	93	539770	39.06	ng	#	43
8) 2-Chlorophenol	6.51	128	405851	41.04	ng		88
9) Benzaldehyde	6.28	77	227642	40.17	ng		93
10) Phenol	6.40	94	513303	42.72	ng	#	72
11) bis(2-Chloroethyl)ether	6.48	93	426255	44.80	ng		97
12) 1,3-Dichlorobenzene	6.67	146	446849	42.64	ng		98
13) 1,4-Dichlorobenzene	6.75	146	440861	40.83	ng		92
14) 1,2-Dichlorobenzene	6.90	146	403575	40.61	ng		99
15) Benzyl Alcohol	6.89	79	260600	38.24	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	450552	38.77	ng		70
17) 2-Methylphenol	7.00	107	312030	40.02	ng	#	95
18) Hexachloroethane	7.23	117	162566	40.93	ng	#	81
19) n-Nitroso-di-n-propylamine	7.16	70	263332	40.34	ng		98
20) 3+4-Methylphenols	7.16	107	388717	40.99	ng	#	72
22) Acetophenone	7.15	105	546661	38.78	ng	#	92
24) Nitrobenzene	7.32	77	409294	36.80	ng		98
25) Isophorone	7.56	82	810024	40.36	ng		99
26) 2-Nitrophenol	7.64	139	238724	44.86	ng		97
27) 2,4-Dimethylphenol	7.69	122	403280	42.19	ng		97
28) bis(2-Chloroethoxy)methane	7.78	93	495489	42.08	ng		100
29) 2,4-Dichlorophenol	7.88	162	323126	39.99	ng		96
30) 1,2,4-Trichlorobenzene	7.96	180	368920	40.67	ng		96
31) Naphthalene	8.04	128	1191304	39.50	ng		99
32) Benzoic acid	7.85	122	240319	34.27	ng		98
33) 4-Chloroaniline	8.10	127	499828	41.03	ng		99
34) Hexachlorobutadiene	8.16	225	199190	40.85	ng		99
35) Caprolactam	8.49	113	99742	38.91	ng		99
36) 4-Chloro-3-methylphenol	8.59	107	355594	39.15	ng		99
37) 2-Methylnaphthalene	8.73	142	701165	35.59	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	355841	43.57	ng		99
40) Hexachlorocyclopentadiene	8.88	237	84270	37.79	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	217469	41.46	ng		99
43) 2,4,5-Trichlorophenol	9.06	196	226452	42.52	ng	#	88
45) 1,1'-Biphenyl	9.20	154	963038	41.10	ng		96
46) 2-Chloronaphthalene	9.22	162	698086	41.10	ng		94
47) 2-Nitroaniline	9.32	65	194653	39.17	ng		94
48) Acenaphthylene	9.63	152	1033688	37.99	ng		100
49) Dimethylphthalate	9.50	163	846686	42.04	ng		99
50) 2,6-Dinitrotoluene	9.57	165	192252	45.11	ng	#	63
51) Acenaphthene	9.80	154	628825	38.86	ng		99
52) 3-Nitroaniline	9.74	138	211888	41.25	ng	#	73
53) 2,4-Dinitrophenol	9.86	184	71182	35.37	ng	#	74
54) Dibenzofuran	9.97	168	807093	37.77	ng		99
55) 4-Nitrophenol	9.92	139	112084	37.02	ng		98
56) 2,4-Dinitrotoluene	9.97	165	190970	35.46	ng	#	48
57) Fluorene	10.32	166	695120	38.08	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	164009	41.36	ng		95
59) Diethylphthalate	10.20	149	805387	39.62	ng		96
60) 4-Chlorophenyl-phenylether	10.30	204	320835	37.73	ng		99
61) 4-Nitroaniline	10.35	138	194733	38.50	ng		89
62) Azobenzene	10.46	77	756540	38.85	ng		98
64) 4,6-Dinitro-2-methylphenol	10.38	198	114947	37.59	ng		94
65) n-Nitrosodiphenylamine	10.43	169	587103	37.20	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	223036	43.29	ng		97
67) Hexachlorobenzene	10.86	284	227668	42.74	ng	#	93
68) Atrazine	10.97	200	199391	39.11	ng		95
69) Pentachlorophenol	11.06	266	84079	33.68	ng		98
70) Phenanthrene	11.28	178	1079650	39.22	ng		100
71) Anthracene	11.32	178	993791	34.46	ng		100
72) Carbazole	11.48	167	862122	34.78	ng		99
73) Di-n-butylphthalate	11.81	149	1188732	38.70	ng		99
74) Fluoranthene	12.45	202	1017090	35.52	ng		99
76) Benzidine	12.59	184	442602	35.77	ng		99
77) Pyrene	12.68	202	998743	40.42	ng		99
79) Butylbenzylphthalate	13.30	149	516332	46.40	ng	#	71
80) Benzo(a)anthracene	13.87	228	843121	40.79	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	651868	43.18	ng	#	95
82) Chrysene	13.92	228	874404	43.92	ng		100
83) Bis(2-ethylhexyl)phthalate	13.86	149	644444	43.64	ng		99
84) Di-n-octyl phthalate	14.48	149	1134983	48.13	ng		98
85) Indeno(1,2,3-cd)pyrene	16.61	276	643751	39.85	ng		99
87) Benzo(b)fluoranthene	14.89	252	651094m	38.27	ng		
88) Benzo(k)fluoranthene	14.91	252	651659m	43.25	ng		
89) Benzo(a)pyrene	15.22	252	591997	39.27	ng		98
90) Dibenzo(a,h)anthracene	16.61	278	540883	44.59	ng		96
91) Benzo(g,h,i)perylene	17.01	276	536420	45.70	ng		95

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

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