Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080939.D
Acq On : 7 Aug 2015 23:04
Operator : TP/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
8/10/2015 7:19:57 PM

Quant Time: Aug 08 06:05:32 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	50276	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	205668	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	99865	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	199179	20.00	ng		0.00
75) Chrysene-d12	13.96	240	154249	20.00	ng		0.00
86) Perylene-d12	15.36	264	129256	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	254825	82.81	ng		0.01
7) Phenol-d6	6.44	99	355631	84.34	ng		0.00
23) Nitrobenzene-d5	7.38	82	358327	82.41	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	92517	84.33	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	554111	78.11	ng		0.00
78) Terphenyl-d14	12.91	244	663848	88.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	56475	38.69	ng		100
3) Pyridine	3.02	79	167575	40.49	ng		98
4) n-Nitrosodimethylamine	2.98	42	91839	43.47	ng		100
6) Aniline	6.46	93	245125	39.57	ng		100
8) 2-Chlorophenol	6.59	128	150512	42.27	ng		97
9) Benzaldehyde	6.35	77	115032	40.47	ng		99
10) Phenol	6.45	94	225855	45.15	ng		95
11) bis(2-Chloroethyl)ether	6.54	93	143630	38.45	ng		96
12) 1,3-Dichlorobenzene	6.75	146	159342	42.17	ng		99
13) 1,4-Dichlorobenzene	6.83	146	153791	39.17	ng		99
14) 1,2-Dichlorobenzene	6.98	146	144412	40.68	ng		98
15) Benzyl Alcohol	6.96	79	144975	42.01	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	288226	38.35	ng		99
17) 2-Methylphenol	7.07	107	130837	43.05	ng		96
18) Hexachloroethane	7.32	117	61100	40.61	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	125299	40.65	ng		98
20) 3+4-Methylphenols	7.22	107	141253	37.00	ng		97
22) Acetophenone	7.22	105	186218	36.95	ng		99
24) Nitrobenzene	7.39	77	162750	36.35	ng		98
25) Isophorone	7.64	82	326522	39.05	ng		100
26) 2-Nitrophenol	7.71	139	75553	40.11	ng		98
27) 2,4-Dimethylphenol	7.76	122	144858	41.08	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	173894	34.64	ng		98
29) 2,4-Dichlorophenol	7.95	162	109137	37.66	ng		96
30) 1,2,4-Trichlorobenzene	8.04	180	128846	40.68	ng		98
31) Naphthalene	8.12	128	456764	40.29	ng		100
32) Benzoic acid	7.87	122	89633	42.45	ng		89
33) 4-Chloroaniline	8.17	127	187441	40.68	ng		98
34) Hexachlorobutadiene	8.24	225	70945	37.64	ng		99
35) Caprolactam	8.54	113	41503	39.81	ng	#	66
36) 4-Chloro-3-methylphenol	8.65	107	134554	38.05	ng		97
37) 2-Methylnaphthalene	8.81	142	282432	39.14	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	122467	39.78	ng		99
40) Hexachlorocyclopentadiene	8.97	237	61409	36.55	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	80820	35.82	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	95073	41.81	ng		97
45) 1,1'-Biphenyl	9.28	154	357963	41.77	ng		100
46) 2-Chloronaphthalene	9.30	162	276151	41.33	ng		100
47) 2-Nitroaniline	9.39	65	115659	43.17	ng		97
48) Acenaphthylene	9.71	152	485112	41.76	ng		100
49) Dimethylphthalate	9.57	163	294934	35.55	ng		99
50) 2,6-Dinitrotoluene	9.63	165	63646	37.14	ng		97
51) Acenaphthene	9.88	154	288902	40.61	ng		99
52) 3-Nitroaniline	9.80	138	81070	38.37	ng		94
53) 2,4-Dinitrophenol	9.90	184	36134	38.18	ng		97
54) Dibenzofuran	10.05	168	408136	42.42	ng		99
55) 4-Nitrophenol	9.96	139	67087	42.42	ng		88
56) 2,4-Dinitrotoluene	10.03	165	89190	38.89	ng		98
57) Fluorene	10.40	166	326406	43.86	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	71312m	39.63	ng		
59) Diethylphthalate	10.27	149	329490	38.16	ng		100
60) 4-Chlorophenyl-phenylether	10.38	204	132052	36.42	ng		99
61) 4-Nitroaniline	10.42	138	95257	43.82	ng		89
62) Azobenzene	10.54	77	374052	38.74	ng		99
64) 4,6-Dinitro-2-methylphenol	10.44	198	50819	41.17	ng		88
65) n-Nitrosodiphenylamine	10.51	169	298159	43.09	ng		98
66) 4-Bromophenyl-phenylether	10.88	248	84193	39.91	ng		97
67) Hexachlorobenzene	10.94	284	93332	39.79	ng		98
68) Atrazine	11.04	200	87893	43.32	ng		98
69) Pentachlorophenol	11.13	266	52790	38.71	ng		98
70) Phenanthrene	11.36	178	453689	40.23	ng		100
71) Anthracene	11.40	178	442432	39.62	ng		100
72) Carbazole	11.56	167	454312	41.79	ng		99
73) Di-n-butylphthalate	11.89	149	566092	41.64	ng		100
74) Fluoranthene	12.53	202	497910	40.84	ng		100
76) Benzidine	12.66	184	299286	53.74	ng		98
77) Pyrene	12.76	202	524008	45.99	ng		99
79) Butylbenzylphthalate	13.38	149	246660	44.90	ng	#	58
80) Benzo(a)anthracene	13.94	228	415589	42.65	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	167775	47.34	ng		98
82) Chrysene	13.98	228	435816	46.71	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	349665	45.75	ng		100
84) Di-n-octyl phthalate	14.56	149	620183	47.86	ng		100
85) Indeno(1,2,3-cd)pyrene	16.72	276	368371	41.49	ng		99
87) Benzo(b)fluoranthene	14.96	252	424424m	47.22	ng		
88) Benzo(k)fluoranthene	14.99	252	270521m	34.40	ng		
89) Benzo(a)pyrene	15.30	252	311487	40.32	ng	#	96
90) Dibenzo(a,h)anthracene	16.74	278	306518	44.86	ng		98
91) Benzo(g,h,i)perylene	17.13	276	295026	44.39	ng		96

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

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