Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
Data File : BF095100.D
Acq On : 12 May 2017 2:33
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/12/2017 3:36:31 PM

Quant Time: May 12 13:30:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	120275	20.00	ng		-0.03
21) Naphthalene-d8	9.72	136	501170	20.00	ng		-0.03
38) Acenaphthene-d10	12.55	164	225152	20.00	ng		-0.03
63) Phenanthrene-d10	14.95	188	415249	20.00	ng		-0.03
75) Chrysene-d12	18.63	240	270122	20.00	ng		-0.02
86) Perylene-d12	20.29	264	231310	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	600120	83.19	ng		-0.04
7) Phenol-d6	7.25	99	673391	77.80	ng		-0.02
23) Nitrobenzene-d5	8.61	82	601052	75.63	ng		-0.02
41) 2,4,6-Tribromophenol	13.85	330	141348	76.66	ng		-0.03
44) 2-Fluorobiphenyl	11.50	172	1162111	74.29	ng		-0.03
78) Terphenyl-d14	17.28	244	1079220	88.00	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.03	88	138864	39.25	ng		94
3) Pyridine	2.70	79	310377	37.85	ng		99
4) n-Nitrosodimethylamine	2.64	42	123977	36.27	ng	#	79
6) Aniline	7.21	93	420360	38.47	ng		95
8) 2-Chlorophenol	7.40	128	329958	40.18	ng		96
9) Benzaldehyde	7.01	77	210849	39.89	ng		99
10) Phenol	7.27	94	386602	42.38	ng		92
11) bis(2-Chloroethyl)ether	7.34	93	289630	38.46	ng		96
12) 1,3-Dichlorobenzene	7.60	146	368097	39.52	ng		97
13) 1,4-Dichlorobenzene	7.72	146	377282	39.94	ng		95
14) 1,2-Dichlorobenzene	7.96	146	354293	40.18	ng		95
15) Benzyl Alcohol	8.00	79	244401	43.90	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.19	45	413146	38.76	ng		95
17) 2-Methylphenol	8.21	107	281088	41.83	ng		95
18) Hexachloroethane	8.48	117	116795	36.50	ng	#	84
19) n-Nitroso-di-n-propylamine	8.42	70	219829	37.55	ng		93
20) 3+4-Methylphenols	8.46	107	343859	37.66	ng	#	56
22) Acetophenone	8.38	105	432553	35.97	ng	#	84
24) Nitrobenzene	8.64	77	310366	37.26	ng		95
25) Isophorone	9.04	82	568725	40.07	ng		96
26) 2-Nitrophenol	9.14	139	185550	41.28	ng		99
27) 2,4-Dimethylphenol	9.28	122	289095	39.78	ng		99
28) bis(2-Chloroethoxy)methane	9.41	93	385874	39.30	ng		100
29) 2,4-Dichlorophenol	9.57	162	273088	39.80	ng		99
30) 1,2,4-Trichlorobenzene	9.65	180	290451	39.51	ng		99
31) Naphthalene	9.76	128	970478	38.53	ng		99
32) Benzoic acid	9.58	122	64760	17.22	ng		94
33) 4-Chloroaniline	9.90	127	392541	41.82	ng	#	94
34) Hexachlorobutadiene	9.98	225	150670	38.84	ng		98
35) Caprolactam	10.53	113	83004	40.28	ng	#	80
36) 4-Chloro-3-methylphenol	10.76	107	277226	37.79	ng		89
37) 2-Methylnaphthalene	10.88	142	630427	38.14	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.16	216	271779	39.25	ng		99
40) Hexachlorocyclopentadiene	11.14	237	88752	34.24	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.38	196	179651	38.86	ng		100
43) 2,4,5-Trichlorophenol	11.48	196	180458	36.32	ng		95
45) 1,1'-Biphenyl	11.65	154	723922	38.19	ng		97
46) 2-Chloronaphthalene	11.67	162	582591	38.06	ng		97
47) 2-Nitroaniline	11.88	65	169457	40.45	ng	#	80
48) Acenaphthylene	12.32	152	918167	38.30	ng		99
49) Dimethylphthalate	12.20	163	721046	39.01	ng		98
50) 2,6-Dinitrotoluene	12.29	165	154923	41.08	ng		92
51) Acenaphthene	12.61	154	508052	35.48	ng		99
52) 3-Nitroaniline	12.57	138	173480	42.86	ng		89
53) 2,4-Dinitrophenol	12.80	184	9139	10.30	ng	#	68
54) Dibenzofuran	12.89	168	732876	36.98	ng		97
55) 4-Nitrophenol	12.98	139	87758m	36.10	ng		
56) 2,4-Dinitrotoluene	12.96	165	192992	39.83	ng	#	93
57) Fluorene	13.45	166	654801	38.00	ng		97
58) 2,3,4,6-Tetrachlorophenol	13.14	232	115310	36.87	ng		97
59) Diethylphthalate	13.35	149	686090	38.73	ng		100
60) 4-Chlorophenyl-phenylether	13.48	204	292841	38.67	ng		90
61) 4-Nitroaniline	13.57	138	151868	40.87	ng		96
62) Azobenzene	13.73	77	560571	39.38	ng		95
64) 4,6-Dinitro-2-methylphenol	13.63	198	39057	14.03	ng	#	65
65) n-Nitrosodiphenylamine	13.68	169	565343	37.51	ng		98
66) 4-Bromophenyl-phenylether	14.26	248	172289	39.27	ng		97
67) Hexachlorobenzene	14.35	284	174454	38.80	ng	#	91
68) Atrazine	14.61	200	172567	40.55	ng		96
69) Pentachlorophenol	14.71	266	46506	27.06	ng		97
70) Phenanthrene	14.99	178	916065	38.40	ng		99
71) Anthracene	15.08	178	971124	39.85	ng		98
72) Carbazole	15.36	167	789097	35.59	ng		98
73) Di-n-butylphthalate	15.92	149	1122493	40.59	ng		99
74) Fluoranthene	16.74	202	911081	37.23	ng		99
76) Benzidine	16.96	184	204504	30.74	ng		96
77) Pyrene	17.04	202	910072	45.05	ng		99
79) Butylbenzylphthalate	17.94	149	440807	46.91	ng		88
80) Benzo(a)anthracene	18.62	228	608907	38.73	ng		98
81) 3,3'-Dichlorobenzidine	18.59	252	198189	36.50	ng	#	95
82) Chrysene	18.66	228	607292	39.95	ng		98
83) Bis(2-ethylhexyl)phthalate	18.68	149	625266	46.70	ng	#	100
84) Di-n-octyl phthalate	19.45	149	936308	42.66	ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	579103	46.91	ng		100
87) Benzo(b)fluoranthene	19.89	252	532864	37.28	ng		98
88) Benzo(k)fluoranthene	19.92	252	502306	36.43	ng	#	95
89) Benzo(a)pyrene	20.24	252	500427	37.94	ng		98
90) Dibenzo(a,h)anthracene	21.59	278	502732	46.15	ng		98
91) Benzo(g,h,i)perylene	21.95	276	497914m	46.58	ng		

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

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