Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
Data File : BF095122.D
Acq On : 12 May 2017 20:39
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: May 13 01:24:18 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	126413	20.00	ng		-0.04
21) Naphthalene-d8	9.72	136	534867	20.00	ng		-0.04
38) Acenaphthene-d10	12.55	164	252865	20.00	ng		-0.04
63) Phenanthrene-d10	14.95	188	456783	20.00	ng		-0.03
75) Chrysene-d12	18.63	240	368481	20.00	ng		-0.02
86) Perylene-d12	20.29	264	303972	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	633052	83.49	ng		-0.04
7) Phenol-d6	7.25	99	748024	82.22	ng		-0.02
23) Nitrobenzene-d5	8.61	82	683205	80.55	ng		-0.02
41) 2,4,6-Tribromophenol	13.85	330	163848	79.12	ng		-0.03
44) 2-Fluorobiphenyl	11.50	172	1270772	72.33	ng		-0.03
78) Terphenyl-d14	17.28	244	1214243	72.58	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	149977	40.33	ng		93
3) Pyridine	2.69	79	341840	39.66	ng		97
4) n-Nitrosodimethylamine	2.62	42	133386	37.13	ng		86
6) Aniline	7.20	93	489980	42.66	ng		97
8) 2-Chlorophenol	7.39	128	365162	42.31	ng		98
9) Benzaldehyde	7.01	77	199603	35.93	ng		94
10) Phenol	7.27	94	433672	45.24	ng		90
11) bis(2-Chloroethyl)ether	7.34	93	319674	40.39	ng		95
12) 1,3-Dichlorobenzene	7.60	146	394905	40.34	ng		96
13) 1,4-Dichlorobenzene	7.72	146	409874	41.28	ng		96
14) 1,2-Dichlorobenzene	7.96	146	368447	39.76	ng		96
15) Benzyl Alcohol	8.00	79	268998	45.97	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.19	45	444592	39.69	ng		95
17) 2-Methylphenol	8.21	107	304932	43.18	ng		97
18) Hexachloroethane	8.48	117	132883	39.51	ng		91
19) n-Nitroso-di-n-propylamine	8.42	70	254337	41.34	ng		95
20) 3+4-Methylphenols	8.46	107	396255	41.29	ng	#	58
22) Acetophenone	8.38	105	512480	39.93	ng	#	85
24) Nitrobenzene	8.64	77	359646	40.45	ng		95
25) Isophorone	9.04	82	621067	41.01	ng		95
26) 2-Nitrophenol	9.14	139	196961	41.06	ng		98
27) 2,4-Dimethylphenol	9.28	122	316709	40.83	ng		97
28) bis(2-Chloroethoxy)methane	9.40	93	414364	39.55	ng		100
29) 2,4-Dichlorophenol	9.57	162	307013	41.92	ng		97
30) 1,2,4-Trichlorobenzene	9.65	180	311783	39.74	ng		99
31) Naphthalene	9.75	128	1052499	39.15	ng		100
32) Benzoic acid	9.61	122	113926	25.08	ng		97
33) 4-Chloroaniline	9.90	127	435567	43.48	ng	#	92
34) Hexachlorobutadiene	9.97	225	161787	39.08	ng		98
35) Caprolactam	10.55	113	87678m	39.87	ng		
36) 4-Chloro-3-methylphenol	10.76	107	301052	38.45	ng		89
37) 2-Methylnaphthalene	10.88	142	659828	37.40	ng		99
39) 1,2,4,5-Tetrachlorobenzene	11.16	216	292288	37.59	ng		99
40) Hexachlorocyclopentadiene	11.13	237	108127	36.63	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.38	196	202315	38.97	ng		98
43) 2,4,5-Trichlorophenol	11.48	196	202698	36.32	ng		93
45) 1,1'-Biphenyl	11.65	154	819501	38.49	ng		98
46) 2-Chloronaphthalene	11.67	162	657689	38.26	ng		95
47) 2-Nitroaniline	11.88	65	195484	41.55	ng	#	82
48) Acenaphthylene	12.32	152	1035616	38.46	ng		98
49) Dimethylphthalate	12.20	163	804555	38.76	ng		99
50) 2,6-Dinitrotoluene	12.29	165	172617	40.76	ng		96
51) Acenaphthene	12.61	154	582259	36.20	ng		98
52) 3-Nitroaniline	12.57	138	196255	43.18	ng		92
53) 2,4-Dinitrophenol	12.79	184	19845	14.09	ng	#	75
54) Dibenzofuran	12.89	168	912473	41.00	ng		100
55) 4-Nitrophenol	12.98	139	81294m	29.78	ng		
56) 2,4-Dinitrotoluene	12.96	165	238370	43.80	ng	#	89
57) Fluorene	13.45	166	771310	39.86	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.14	232	143727	40.92	ng		95
59) Diethylphthalate	13.35	149	811406	40.78	ng		99
60) 4-Chlorophenyl-phenylether	13.47	204	344103	40.46	ng		92
61) 4-Nitroaniline	13.57	138	178508	42.78	ng		96
62) Azobenzene	13.73	77	647846	40.52	ng		95
64) 4,6-Dinitro-2-methylphenol	13.63	198	47250	15.43	ng	#	71
65) n-Nitrosodiphenylamine	13.68	169	598714	36.11	ng		100
66) 4-Bromophenyl-phenylether	14.26	248	191221	39.62	ng		95
67) Hexachlorobenzene	14.34	284	193284	39.08	ng	#	88
68) Atrazine	14.61	200	182281	38.94	ng		97
69) Pentachlorophenol	14.70	266	44677	24.38	ng		98
70) Phenanthrene	14.99	178	1052898	40.12	ng		98
71) Anthracene	15.08	178	1093983	40.81	ng		98
72) Carbazole	15.36	167	972643	39.87	ng		98
73) Di-n-butylphthalate	15.92	149	1123941	36.95	ng		99
74) Fluoranthene	16.74	202	1003947	37.29	ng		99
76) Benzidine	16.96	184	189185	22.97	ng	#	93
77) Pyrene	17.04	202	1040998	37.77	ng		98
79) Butylbenzylphthalate	17.94	149	541253	42.23	ng		89
80) Benzo(a)anthracene	18.61	228	858315	40.02	ng		100
81) 3,3'-Dichlorobenzidine	18.59	252	272199	36.75	ng	#	95
82) Chrysene	18.66	228	840531	40.53	ng		99
83) Bis(2-ethylhexyl)phthalate	18.68	149	771895	42.26	ng	#	99
84) Di-n-octyl phthalate	19.45	149	1194636	39.90	ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	717106	42.58	ng		99
87) Benzo(b)fluoranthene	19.89	252	722127	38.45	ng		99
88) Benzo(k)fluoranthene	19.92	252	721934	39.85	ng	#	96
89) Benzo(a)pyrene	20.24	252	678234	39.13	ng		99
90) Dibenzo(a,h)anthracene	21.59	278	618377	43.20	ng		98
91) Benzo(g,h,i)perylene	21.95	276	635487	45.24	ng		97

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

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