Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080923.D
Acq On : 7 Aug 2015 13:16
Operator : TP/UM
Sample : SSTDICC2.5
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
MMDadoda
8/10/2015 7:18:22 PM

Quant Time: Aug 08 01:36:04 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 07 23:54:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	49415	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	181162	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	93881	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	206010	20.00	ng		0.00
75) Chrysene-d12	13.95	240	198593	20.00	ng		-0.01
86) Perylene-d12	15.36	264	166593	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	15338	5.07	ng		0.00
7) Phenol-d6	6.42	99	20139	4.86	ng		-0.02
23) Nitrobenzene-d5	7.37	82	21527	5.62	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	5301	5.14	ng		-0.01
44) 2-Fluorobiphenyl	9.16	172	37094	5.56	ng		-0.01
78) Terphenyl-d14	12.90	244	51991	5.41	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	3736	2.60	ng	#	86
4) n-Nitrosodimethylamine	2.99	42	4189	2.02	ng	#	98
6) Aniline	6.46	93	14430	2.37	ng		90
8) 2-Chlorophenol	6.58	128	9004	2.57	ng		83
9) Benzaldehyde	6.35	77	6766	2.41	ng		84
10) Phenol	6.44	94	12120	2.46	ng		86
11) bis(2-Chloroethyl)ether	6.53	93	9520	2.59	ng		98
12) 1,3-Dichlorobenzene	6.74	146	9529m	2.57	ng		
13) 1,4-Dichlorobenzene	6.82	146	10197m	2.64	ng		
14) 1,2-Dichlorobenzene	6.98	146	8692	2.49	ng		91
15) Benzyl Alcohol	6.94	79	7967	2.35	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.09	45	19649	2.66	ng		97
17) 2-Methylphenol	7.06	107	7312	2.45	ng		94
18) Hexachloroethane	7.32	117	3836	2.59	ng		92
19) n-Nitroso-di-n-propylamine	7.22	70	7094	2.34	ng	#	93
20) 3+4-Methylphenols	7.21	107	9589	2.56	ng		96
22) Acetophenone	7.21	105	12069	2.72	ng	#	92
24) Nitrobenzene	7.38	77	10604	2.69	ng		93
25) Isophorone	7.63	82	19332	2.62	ng		97
26) 2-Nitrophenol	7.71	139	4096	2.47	ng	#	83
27) 2,4-Dimethylphenol	7.74	122	8692	2.80	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	11904	2.69	ng	#	94
29) 2,4-Dichlorophenol	7.95	162	6378	2.50	ng		91
30) 1,2,4-Trichlorobenzene	8.03	180	7390	2.65	ng	#	91
31) Naphthalene	8.11	128	29595	2.96	ng		98
33) 4-Chloroaniline	8.17	127	10695	2.64	ng	#	88
34) Hexachlorobutadiene	8.24	225	5196	3.13	ng		97
35) Caprolactam	8.49	113	1880	2.11	ng	#	79
36) 4-Chloro-3-methylphenol	8.64	107	8467	2.72	ng		97
37) 2-Methylnaphthalene	8.81	142	18620	2.93	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	8289	2.86	ng		97
42) 2,4,6-Trichlorophenol	9.08	196	5507m	2.55	ng		
43) 2,4,5-Trichlorophenol	9.12	196	5624m	2.72	ng		
45) 1,1'-Biphenyl	9.26	154	23226	2.88	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	9.29	162	18142	2.89	ng		96
47) 2-Nitroaniline	9.38	65	5944	2.36	ng	#	83
48) Acenaphthylene	9.70	152	31020	2.84	ng		98
49) Dimethylphthalate	9.56	163	22731	2.91	ng		98
50) 2,6-Dinitrotoluene	9.62	165	3897	2.42	ng		88
51) Acenaphthene	9.87	154	17756	2.65	ng		100
52) 3-Nitroaniline	9.79	138	4986	2.51	ng		95
54) Dibenzofuran	10.04	168	26258	2.90	ng		97
56) 2,4-Dinitrotoluene	10.02	165	5082	2.36	ng	#	93
57) Fluorene	10.38	166	21574	3.08	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	4089	2.41	ng	#	95
59) Diethylphthalate	10.26	149	20828	2.57	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	10650	3.12	ng	#	86
61) 4-Nitroaniline	10.40	138	5006	2.45	ng		83
62) Azobenzene	10.54	77	23567	2.60	ng		87
65) n-Nitrosodiphenylamine	10.50	169	19749	2.76	ng		95
66) 4-Bromophenyl-phenylether	10.88	248	5602	2.57	ng	#	82
67) Hexachlorobenzene	10.93	284	6753	2.78	ng	#	84
68) Atrazine	11.02	200	5791	2.76	ng		99
70) Phenanthrene	11.35	178	34843	2.99	ng		99
71) Anthracene	11.39	178	31418	2.72	ng		98
72) Carbazole	11.55	167	31755	2.82	ng		98
73) Di-n-butylphthalate	11.89	149	35846	2.55	ng	#	97
74) Fluoranthene	12.52	202	33123	2.63	ng		96
77) Pyrene	12.75	202	36820	2.51	ng		99
79) Butylbenzylphthalate	13.38	149	14890	2.11	ng	#	71
80) Benzo(a)anthracene	13.94	228	35372	2.82	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	10028	2.20	ng	#	99
82) Chrysene	13.97	228	29926	2.49	ng		100
83) Bis(2-ethylhexyl)phthalate	13.94	149	22249	2.26	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.69	276	24300	2.12	ng		98
87) Benzo(b)fluoranthene	14.96	252	31390m	2.71	ng		
88) Benzo(k)fluoranthene	14.98	252	24486m	2.42	ng		
89) Benzo(a)pyrene	15.29	252	24194	2.43	ng	#	95
90) Dibenzo(a,h)anthracene	16.72	278	20279	2.30	ng	#	95
91) Benzo(g,h,i)perylene	17.11	276	19882	2.32	ng		96

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

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