Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
Data File : BF094953.D
Acq On : 6 May 2017 10:47
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/8/2017 5:43:50 PM

Quant Time: May 08 08:04:16 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	7.72	152	84648	20.00	ng		-0.01
21) Naphthalene-d8	9.74	136	368168	20.00	ng		-0.01
38) Acenaphthene-d10	12.57	164	158025	20.00	ng		-0.01
63) Phenanthrene-d10	14.97	188	281849	20.00	ng		-0.01
75) Chrysene-d12	18.64	240	215136	20.00	ng		-0.02
86) Perylene-d12	20.31	264	173545	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	439703	86.60	ng		-0.02
7) Phenol-d6	7.25	99	534622	87.76	ng		-0.02
23) Nitrobenzene-d5	8.62	82	452786	77.55	ng		-0.01
41) 2,4,6-Tribromophenol	13.87	330	110132	85.10	ng		-0.02
44) 2-Fluorobiphenyl	11.52	172	927896	84.52	ng		-0.01
78) Terphenyl-d14	17.29	244	717288	73.44	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	132612	53.26	ng		93
3) Pyridine	2.73	79	238286	41.29	ng		99
4) n-Nitrosodimethylamine	2.67	42	95889	39.86	ng		89
6) Aniline	7.22	93	357067	46.43	ng		95
8) 2-Chlorophenol	7.41	128	257543	44.57	ng		94
9) Benzaldehyde	7.03	77	155023	41.67	ng		94
10) Phenol	7.28	94	272199	42.40	ng		88
11) bis(2-Chloroethyl)ether	7.35	93	229812	43.36	ng		97
12) 1,3-Dichlorobenzene	7.62	146	270209	41.22	ng		97
13) 1,4-Dichlorobenzene	7.75	146	273062	41.07	ng		98
14) 1,2-Dichlorobenzene	7.98	146	257502	41.50	ng		97
15) Benzyl Alcohol	8.00	79	184578	47.11	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	291137	38.81	ng	#	43
17) 2-Methylphenol	8.21	107	192480	40.70	ng	#	90
18) Hexachloroethane	8.50	117	93052	41.32	ng	#	86
19) n-Nitroso-di-n-propylamine	8.42	70	168593	40.92	ng		96
20) 3+4-Methylphenols	8.47	107	263230	40.96	ng	#	59
22) Acetophenone	8.39	105	347526	39.34	ng	#	85
24) Nitrobenzene	8.65	77	239420	39.12	ng		94
25) Isophorone	9.05	82	435015	41.73	ng		96
26) 2-Nitrophenol	9.15	139	137642	41.68	ng		95
27) 2,4-Dimethylphenol	9.29	122	218870	40.99	ng		98
28) bis(2-Chloroethoxy)methane	9.42	93	288502	40.00	ng		98
29) 2,4-Dichlorophenol	9.57	162	205999	40.86	ng		97
30) 1,2,4-Trichlorobenzene	9.67	180	216083	40.01	ng		98
31) Naphthalene	9.77	128	734496	39.69	ng		100
32) Benzoic acid	9.60	122	121227	36.00	ng		88
33) 4-Chloroaniline	9.91	127	294973	42.78	ng	#	93
34) Hexachlorobutadiene	10.00	225	111338	39.07	ng		98
35) Caprolactam	10.52	113	62001m	40.96	ng		
36) 4-Chloro-3-methylphenol	10.76	107	212917	39.50	ng		90
37) 2-Methylnaphthalene	10.90	142	504822	41.57	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	201580	41.48	ng		98
40) Hexachlorocyclopentadiene	11.15	237	64860	35.40	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	135491	41.76	ng		92
43) 2,4,5-Trichlorophenol	11.48	196	142488	40.86	ng		93
45) 1,1'-Biphenyl	11.67	154	565515	42.50	ng		97
46) 2-Chloronaphthalene	11.68	162	439374	40.90	ng		96
47) 2-Nitroaniline	11.90	65	120643	41.03	ng	#	82
48) Acenaphthylene	12.34	152	712947	42.37	ng		98
49) Dimethylphthalate	12.21	163	515178	39.71	ng		99
50) 2,6-Dinitrotoluene	12.30	165	112645	42.56	ng		91
51) Acenaphthene	12.62	154	399725	39.77	ng		99
52) 3-Nitroaniline	12.57	138	112488	39.60	ng		88
53) 2,4-Dinitrophenol	12.78	184	45042	34.73	ng	#	64
54) Dibenzofuran	12.91	168	629029	45.23	ng		97
55) 4-Nitrophenol	12.97	139	76390	44.77	ng	#	70
56) 2,4-Dinitrotoluene	12.97	165	148925	43.79	ng	#	92
57) Fluorene	13.47	166	501710	41.49	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.15	232	101169	46.09	ng	#	99
59) Diethylphthalate	13.36	149	476586	38.33	ng		99
60) 4-Chlorophenyl-phenylether	13.49	204	223664	42.08	ng		90
61) 4-Nitroaniline	13.57	138	104127	39.93	ng		95
62) Azobenzene	13.75	77	461023	46.14	ng		94
64) 4,6-Dinitro-2-methylphenol	13.63	198	73751	39.03	ng	#	68
65) n-Nitrosodiphenylamine	13.70	169	416776	40.74	ng		99
66) 4-Bromophenyl-phenylether	14.28	248	117945	39.61	ng		98
67) Hexachlorobenzene	14.36	284	118040	38.68	ng	#	88
68) Atrazine	14.62	200	114539	39.66	ng		98
69) Pentachlorophenol	14.71	266	44138	35.51	ng		99
70) Phenanthrene	15.01	178	668112	41.26	ng		97
71) Anthracene	15.09	178	699914	42.31	ng		98
72) Carbazole	15.37	167	636670	42.30	ng		97
73) Di-n-butylphthalate	15.94	149	754258	40.19	ng	#	98
74) Fluoranthene	16.75	202	681677	41.04	ng		98
76) Benzidine	16.97	184	305122	51.83	ng	#	94
77) Pyrene	17.05	202	639893	39.77	ng		99
79) Butylbenzylphthalate	17.95	149	310863	41.54	ng	#	86
80) Benzo(a)anthracene	18.63	228	515419	41.17	ng		99
81) 3,3'-Dichlorobenzidine	18.61	252	168181	38.89	ng	#	96
82) Chrysene	18.67	228	493745	40.78	ng		98
83) Bis(2-ethylhexyl)phthalate	18.70	149	456513	42.81	ng		100
84) Di-n-octyl phthalate	19.47	149	708010	40.50	ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	456222	46.40	ng		99
87) Benzo(b)fluoranthene	19.89	252	433805	40.45	ng		98
88) Benzo(k)fluoranthene	19.92	252	421591	40.76	ng		96
89) Benzo(a)pyrene	20.25	252	407227	41.15	ng		100
90) Dibenzo(a,h)anthracene	21.60	278	380579	46.57	ng		98
91) Benzo(g,h,i)perylene	21.97	276	399917	49.87	ng		97

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

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