Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021417\
Data File : BF092947.D
Acq On : 14 Feb 2017 16:42
Operator : SJ/MA
Sample : I1792-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMSD

Manual Integrations APPROVED
mohammad
2/15/2017 9:06:03 AM

Quant Time: Feb 14 17:13:03 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	150762	20.00	ng		-0.01
21) Naphthalene-d8	8.17	136	619848	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	321205	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	531793	20.00	ng		0.00
75) Chrysene-d12	14.03	240	277916	20.00	ng		-0.02
86) Perylene-d12	15.47	264	285913	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1387688	157.91	ng		0.01
7) Phenol-d6	6.53	99	1771051	156.64	ng		0.00
23) Nitrobenzene-d5	7.46	82	1156926	103.94	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	375176	161.49	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1701831	95.99	ng		0.00
78) Terphenyl-d14	12.98	244	1453855	122.92	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	189772	39.97	ng	#	84
3) Pyridine	3.26	79	516757	42.80	ng		89
4) n-Nitrosodimethylamine	3.22	42	288808	50.94	ng		83
6) Aniline	6.54	93	351021	22.76	ng	#	26
8) 2-Chlorophenol	6.67	128	502635	51.85	ng		99
9) Benzaldehyde	6.43	77	131874	16.28	ng		95
10) Phenol	6.54	94	757822	57.29	ng		79
11) bis(2-Chloroethyl)ether	6.62	93	532624	50.44	ng		98
12) 1,3-Dichlorobenzene	6.82	146	519387m	45.74	ng		
13) 1,4-Dichlorobenzene	6.90	146	546877	47.59	ng		97
14) 1,2-Dichlorobenzene	7.06	146	507111m	46.15	ng		
15) Benzyl Alcohol	7.04	79	432458	51.66	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.16	45	866035	47.21	ng		97
17) 2-Methylphenol	7.15	107	438501	52.72	ng		97
18) Hexachloroethane	7.39	117	184556	47.04	ng		88
19) n-Nitroso-di-n-propylamine	7.31	70	373192	51.85	ng	#	94
20) 3+4-Methylphenols	7.30	107	502820	50.57	ng	#	74
22) Acetophenone	7.30	105	648517	45.82	ng	#	93
24) Nitrobenzene	7.47	77	529248	46.31	ng		97
25) Isophorone	7.71	82	1028249	49.57	ng		97
26) 2-Nitrophenol	7.79	139	302901	55.75	ng	#	83
27) 2,4-Dimethylphenol	7.82	122	465364	48.77	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	636088	46.30	ng		100
29) 2,4-Dichlorophenol	8.03	162	429959	48.32	ng		91
30) 1,2,4-Trichlorobenzene	8.11	180	458936	47.86	ng		96
31) Naphthalene	8.19	128	1395157	44.40	ng		99
32) Benzoic acid	7.93	122	86839	20.83	ng		97
33) 4-Chloroaniline	8.24	127	163099	13.24	ng		95
34) Hexachlorobutadiene	8.30	225	233505	44.26	ng		99
35) Caprolactam	8.62	113	145433m	51.96	ng		
36) 4-Chloro-3-methylphenol	8.74	107	495834	53.44	ng		90
37) 2-Methylnaphthalene	8.88	142	909807	45.10	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	439940	48.79	ng		99
40) Hexachlorocyclopentadiene	9.04	237	284329	69.89	ng		99

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42) 2,4,6-Trichlorophenol	9.16	196	305949	51.64	ng		93
43) 2,4,5-Trichlorophenol	9.21	196	311381	47.97	ng	#	91
45) 1,1'-Biphenyl	9.34	154	1132389	48.69	ng		98
46) 2-Chloronaphthalene	9.37	162	864408	47.51	ng		97
47) 2-Nitroaniline	9.47	65	332257	54.31	ng		92
48) Acenaphthylene	9.78	152	1402081	44.61	ng		99
49) Dimethylphthalate	9.65	163	1405577	64.97	ng		100
50) 2,6-Dinitrotoluene	9.71	165	232664	49.80	ng	#	85
51) Acenaphthene	9.95	154	859296	45.73	ng		97
52) 3-Nitroaniline	9.88	138	160941	30.10	ng	#	76
53) 2,4-Dinitrophenol	9.98	184	162025	68.87	ng	#	67
54) Dibenzofuran	10.12	168	1164741	46.34	ng		98
55) 4-Nitrophenol	10.05	139	334903	86.96	ng		91
56) 2,4-Dinitrotoluene	10.11	165	292500	47.02	ng		94
57) Fluorene	10.46	166	865603	44.76	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	255618	59.03	ng		94
59) Diethylphthalate	10.34	149	1041014	51.06	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	405976	43.70	ng		98
61) 4-Nitroaniline	10.50	138	258095	47.13	ng		87
62) Azobenzene	10.61	77	1088799	51.69	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	158671	48.96	ng	#	70
65) n-Nitrosodiphenylamine	10.58	169	790677	46.54	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	243088	43.75	ng		98
67) Hexachlorobenzene	11.01	284	252318	45.96	ng	#	92
68) Atrazine	11.10	200	238692	43.78	ng		99
69) Pentachlorophenol	11.21	266	264727	92.19	ng		97
70) Phenanthrene	11.42	178	1304131	42.80	ng		99
71) Anthracene	11.48	178	1502881	49.12	ng		98
72) Carbazole	11.63	167	1157099	39.56	ng		100
73) Di-n-butylphthalate	11.96	149	1564662	49.47	ng	#	98
74) Fluoranthene	12.61	202	1416773	45.08	ng		96
76) Benzidine	12.73	184	397982	33.61	ng		96
77) Pyrene	12.84	202	1371327	65.93	ng		99
79) Butylbenzylphthalate	13.46	149	635743	75.27	ng	#	78
80) Benzo(a)anthracene	14.03	228	916944	53.94	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	173467	28.63	ng		98
82) Chrysene	14.07	228	896159	56.31	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	756611	65.50	ng		99
84) Di-n-octyl phthalate	14.63	149	1201661	63.89	ng		100
85) Indeno(1,2,3-cd)pyrene	16.90	276	937198	76.03	ng		95
87) Benzo(b)fluoranthene	15.06	252	876012m	46.55	ng		
88) Benzo(k)fluoranthene	15.08	252	750116m	46.17	ng		
89) Benzo(a)pyrene	15.41	252	791088	48.60	ng		99
90) Dibenzo(a,h)anthracene	16.91	278	762896	57.99	ng		98
91) Benzo(g,h,i)perylene	17.32	276	811853	61.08	ng	#	90

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

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