Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041917\
Data File : BF094520.D
Acq On : 19 Apr 2017 17:18
Operator : SJ/MA
Sample : I2752-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 15-50-COMPMS

Quant Time: Apr 20 04:22:48 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	127025	20.00	ng		0.00
21) Naphthalene-d8	7.27	136	498668	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	239442	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	404905	20.00	ng		0.00
75) Chrysene-d12	14.47	240	296728	20.00	ng		0.00
86) Perylene-d12	16.09	264	250014	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.33	112	1047792	136.85	ng		0.03
7) Phenol-d6	5.41	99	1317811	146.00	ng		0.01
23) Nitrobenzene-d5	6.42	82	837943	103.76	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	263461	140.67	ng		0.00
44) 2-Fluorobiphenyl	8.59	172	1391848	85.53	ng		0.00
78) Terphenyl-d14	13.20	244	1242291	111.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.13	88	142062	31.90	ng		96
3) Pyridine	2.65	79	340843	35.02	ng		99
4) n-Nitrosodimethylamine	2.60	42	177318	44.03	ng		89
6) Aniline	5.41	93	319046	26.60	ng	#	74
8) 2-Chlorophenol	5.55	128	420096	48.22	ng		96
9) Benzaldehyde	5.27	77	79000	11.51	ng		99
10) Phenol	5.42	94	526810	47.51	ng		91
11) bis(2-Chloroethyl)ether	5.49	93	389327	48.06	ng		97
12) 1,3-Dichlorobenzene	5.71	146	447112	46.32	ng		99
13) 1,4-Dichlorobenzene	5.80	146	440441	45.35	ng		98
14) 1,2-Dichlorobenzene	5.97	146	407179	45.52	ng		97
15) Benzyl Alcohol	5.95	79	327078	48.85	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.11	45	520820	49.04	ng		74
17) 2-Methylphenol	6.10	107	340266	49.59	ng		93
18) Hexachloroethane	6.35	117	154512	46.41	ng	#	85
19) n-Nitroso-di-n-propylamine	6.27	70	295881	49.47	ng		96
20) 3+4-Methylphenols	6.28	107	469775	50.38	ng	#	62
22) Acetophenone	6.25	105	598697	49.38	ng	#	86
24) Nitrobenzene	6.45	77	426811	50.19	ng		94
25) Isophorone	6.74	82	780506	52.14	ng		96
26) 2-Nitrophenol	6.82	139	237843	52.06	ng		95
27) 2,4-Dimethylphenol	6.90	122	380077	51.21	ng		99
28) bis(2-Chloroethoxy)methane	7.00	93	501649	51.80	ng		99
29) 2,4-Dichlorophenol	7.12	162	349031	50.55	ng		97
30) 1,2,4-Trichlorobenzene	7.21	180	334276	46.83	ng		99
31) Naphthalene	7.30	128	1166588	48.66	ng		99
32) Benzoic acid	7.05	122	104018	26.50	ng		94
33) 4-Chloroaniline	7.37	127	93788	9.40	ng	#	92
34) Hexachlorobutadiene	7.45	225	174672	49.08	ng		98
35) Caprolactam	7.84	113	120821m	55.71	ng		
36) 4-Chloro-3-methylphenol	8.00	107	388269	53.66	ng		89
37) 2-Methylnaphthalene	8.14	142	815752	49.74	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	312473	45.83	ng		98
40) Hexachlorocyclopentadiene	8.33	237	253074	91.75	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	233085	48.68	ng		96
43) 2,4,5-Trichlorophenol	8.55	196	246059	50.04	ng		94
45) 1,1'-Biphenyl	8.71	154	850691	43.48	ng		98
46) 2-Chloronaphthalene	8.72	162	704905	45.32	ng		94
47) 2-Nitroaniline	8.87	65	226973	50.72	ng	#	81
48) Acenaphthylene	9.23	152	1144000	47.18	ng		98
49) Dimethylphthalate	9.11	163	1211106	67.87	ng		99
50) 2,6-Dinitrotoluene	9.17	165	207812	51.88	ng		95
51) Acenaphthene	9.44	154	680442	46.85	ng		99
52) 3-Nitroaniline	9.37	138	94235	20.34	ng		85
53) 2,4-Dinitrophenol	9.51	184	144304	67.38	ng	#	68
54) Dibenzofuran	9.66	168	935834	44.33	ng		100
55) 4-Nitrophenol	9.64	139	354770m	108.37	ng		
56) 2,4-Dinitrotoluene	9.67	165	243519	49.55	ng	#	82
57) Fluorene	10.08	166	721107	43.87	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.82	232	172721	49.01	ng		96
59) Diethylphthalate	9.97	149	805826	47.86	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	317539	46.42	ng		93
61) 4-Nitroaniline	10.13	138	192007	40.76	ng		98
62) Azobenzene	10.28	77	757996	46.37	ng		96
64) 4,6-Dinitro-2-methylphenol	10.17	198	122482	46.17	ng	#	69
65) n-Nitrosodiphenylamine	10.24	169	684798	48.63	ng		96
66) 4-Bromophenyl-phenylether	10.68	248	196233	48.81	ng		97
67) Hexachlorobenzene	10.75	284	193890	47.85	ng	#	85
68) Atrazine	10.91	200	205018	48.67	ng		97
69) Pentachlorophenol	11.01	266	182489	113.43	ng		99
70) Phenanthrene	11.25	178	1087208	47.68	ng		98
71) Anthracene	11.32	178	1124869	47.69	ng		99
72) Carbazole	11.52	167	1077618	48.68	ng		98
73) Di-n-butylphthalate	11.97	149	1281030	52.56	ng		99
74) Fluoranthene	12.71	202	1152247	48.76	ng		99
76) Benzidine	12.88	184	375893	31.29	ng	#	93
77) Pyrene	12.99	202	1129012	54.46	ng		99
79) Butylbenzylphthalate	13.81	149	539503	59.38	ng	#	85
80) Benzo(a)anthracene	14.46	228	862437	50.01	ng		99
81) 3,3'-Dichlorobenzidine	14.43	252	172381	28.23	ng		97
82) Chrysene	14.50	228	787157	49.94	ng		99
83) Bis(2-ethylhexyl)phthalate	14.52	149	746704	61.21	ng	#	99
84) Di-n-octyl phthalate	15.28	149	1133273	55.38	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	797074	53.15	ng		99
87) Benzo(b)fluoranthene	15.69	252	763504	49.92	ng		98
88) Benzo(k)fluoranthene	15.72	252	674453	46.60	ng	#	95
89) Benzo(a)pyrene	16.04	252	699293	49.15	ng		99
90) Dibenzo(a,h)anthracene	17.39	278	647772	54.83	ng		99
91) Benzo(g,h,i)perylene	17.75	276	692747	57.59	ng		97

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

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