Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
Data File : BF094171.D
Acq On : 4 Apr 2017 17:07
Operator : SJ/MA
Sample : PB98028BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB98028BS

Quant Time: Apr 05 01:19:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.88	152	163333	20.00	ng		-0.02
21) Naphthalene-d8	7.38	136	662369	20.00	ng		-0.03
38) Acenaphthene-d10	9.52	164	304803	20.00	ng		-0.03
63) Phenanthrene-d10	11.35	188	551742	20.00	ng		-0.02
75) Chrysene-d12	14.60	240	416667	20.00	ng		-0.02
86) Perylene-d12	16.23	264	283134	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.42	112	1167638	120.74	ng		-0.01
7) Phenol-d6	5.49	99	1468542	122.76	ng		-0.02
23) Nitrobenzene-d5	6.53	82	904910	77.97	ng		-0.03
41) 2,4,6-Tribromophenol	10.50	330	335470	139.28	ng		-0.02
44) 2-Fluorobiphenyl	8.71	172	1713420	85.74	ng		-0.02
78) Terphenyl-d14	13.33	244	1486249	79.95	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	152020	32.72	ng		98
3) Pyridine	2.76	79	453957	35.85	ng		98
4) n-Nitrosodimethylamine	2.73	42	198953	38.19	ng		89
6) Aniline	5.50	93	267427	16.07	ng	#	1
8) 2-Chlorophenol	5.65	128	449257	42.27	ng		96
9) Benzaldehyde	5.37	77	240581	29.78	ng		96
10) Phenol	5.50	94	518508	38.09	ng		95
11) bis(2-Chloroethyl)ether	5.59	93	411839	38.71	ng		99
12) 1,3-Dichlorobenzene	5.81	146	473117	39.68	ng		97
13) 1,4-Dichlorobenzene	5.90	146	479479	39.71	ng		97
14) 1,2-Dichlorobenzene	6.07	146	441930	39.74	ng		97
15) Benzyl Alcohol	6.05	79	360342	41.15	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.21	45	583688	35.60	ng		97
17) 2-Methylphenol	6.19	107	371745	40.84	ng		97
18) Hexachloroethane	6.47	117	166150	39.14	ng	#	87
19) n-Nitroso-di-n-propylamine	6.36	70	312194	40.60	ng		99
20) 3+4-Methylphenols	6.37	107	485556	44.04	ng	#	63
22) Acetophenone	6.35	105	621953	42.13	ng	#	86
24) Nitrobenzene	6.55	77	455560	39.80	ng		95
25) Isophorone	6.84	82	814474	39.94	ng		95
26) 2-Nitrophenol	6.93	139	250467	45.88	ng		98
27) 2,4-Dimethylphenol	7.00	122	413516	43.96	ng		99
28) bis(2-Chloroethoxy)methane	7.10	93	537471	39.96	ng		99
29) 2,4-Dichlorophenol	7.23	162	390148	44.36	ng		99
30) 1,2,4-Trichlorobenzene	7.32	180	371650	41.03	ng		99
31) Naphthalene	7.41	128	1263873	39.68	ng		100
32) Benzoic acid	7.15	122	230353	36.79	ng		96
33) 4-Chloroaniline	7.47	127	122957	9.53	ng	#	91
34) Hexachlorobutadiene	7.56	225	185016	39.83	ng		97
35) Caprolactam	7.92	113	128729m	45.90	ng		
36) 4-Chloro-3-methylphenol	8.10	107	414695	45.13	ng		90
37) 2-Methylnaphthalene	8.25	142	893122	42.07	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.46	216	328452	39.39	ng		99
40) Hexachlorocyclopentadiene	8.45	237	313131	80.25	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.60	196	265203	44.96	ng		100
43) 2,4,5-Trichlorophenol	8.66	196	265267	41.56	ng		94
45) 1,1'-Biphenyl	8.83	154	993437	40.41	ng		98
46) 2-Chloronaphthalene	8.85	162	789951	41.05	ng		95
47) 2-Nitroaniline	8.97	65	242456	42.47	ng	#	81
48) Acenaphthylene	9.35	152	1258678	39.35	ng		100
49) Dimethylphthalate	9.22	163	948300	43.77	ng		99
50) 2,6-Dinitrotoluene	9.28	165	216157	43.52	ng		91
51) Acenaphthene	9.57	154	749499	40.16	ng		99
52) 3-Nitroaniline	9.47	138	85743	14.70	ng		94
53) 2,4-Dinitrophenol	9.62	184	193418	73.19	ng	#	73
54) Dibenzofuran	9.78	168	1080906	42.55	ng		100
55) 4-Nitrophenol	9.73	139	331130	72.50	ng	#	64
56) 2,4-Dinitrotoluene	9.77	165	269661	43.22	ng	#	68
57) Fluorene	10.20	166	838969	39.82	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	197415	45.07	ng		98
59) Diethylphthalate	10.09	149	929669	43.41	ng		99
60) 4-Chlorophenyl-phenylether	10.20	204	365385	40.71	ng		93
61) 4-Nitroaniline	10.24	138	228479	40.82	ng		97
62) Azobenzene	10.40	77	903603	44.61	ng		95
64) 4,6-Dinitro-2-methylphenol	10.28	198	141576	41.90	ng	#	72
65) n-Nitrosodiphenylamine	10.36	169	781735	40.97	ng		98
66) 4-Bromophenyl-phenylether	10.80	248	225529	41.56	ng		96
67) Hexachlorobenzene	10.88	284	228709	41.64	ng	#	90
68) Atrazine	11.03	200	230129	40.27	ng		97
69) Pentachlorophenol	11.13	266	222308	65.02	ng		99
70) Phenanthrene	11.38	178	1255888	40.92	ng		99
71) Anthracene	11.44	178	1294243	40.95	ng		99
72) Carbazole	11.64	167	1217833	37.58	ng		98
73) Di-n-butylphthalate	12.10	149	1484706	44.06	ng		99
74) Fluoranthene	12.84	202	1291055	41.08	ng		99
76) Benzidine	13.01	184	216733	13.14	ng	#	91
77) Pyrene	13.12	202	1308686	43.28	ng		99
79) Butylbenzylphthalate	13.94	149	621330	48.22	ng	#	87
80) Benzo(a)anthracene	14.59	228	1009650	41.55	ng		99
81) 3,3'-Dichlorobenzidine	14.56	252	205275	23.64	ng	#	97
82) Chrysene	14.64	228	900299	39.93	ng		99
83) Bis(2-ethylhexyl)phthalate	14.65	149	844317	48.03	ng		100
84) Di-n-octyl phthalate	15.40	149	1289906	43.93	ng		98
85) Indeno(1,2,3-cd)pyrene	17.57	276	730047	37.39	ng		100
87) Benzo(b)fluoranthene	15.83	252	773694	44.58	ng		98
88) Benzo(k)fluoranthene	15.86	252	719749	42.39	ng	#	95
89) Benzo(a)pyrene	16.17	252	696774	43.60	ng		99
90) Dibenzo(a,h)anthracene	17.59	278	599949	44.33	ng		97
91) Benzo(g,h,i)perylene	17.97	276	622454	45.63	ng		99

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

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