Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012115\
Data File : BF077003.D
Acq On : 21 Jan 2015 19:16
Operator : TP/IZ
Sample : PB81390BS
Misc : S
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81390BS

Quant Time: Jan 22 10:31:38 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 22 00:29:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	32044	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	133658	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	71988	20.00	ng		0.00
63) Phenanthrene-d10	17.69	188	123405	20.00	ng		0.00
75) Chrysene-d12	21.19	240	112394	20.00	ng		-0.01
86) Perylene-d12	22.87	264	100886	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	255872	131.29	ng		0.00
7) Phenol-d6	7.27	99	327987	133.40	ng		-0.01
23) Nitrobenzene-d5	9.16	82	204272	84.67	ng		0.00
41) 2,4,6-Tribromophenol	16.59	330	82743	141.60	ng		-0.01
44) 2-Fluorobiphenyl	13.42	172	414287	87.58	ng		0.00
78) Terphenyl-d14	19.93	244	427151	87.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.22	88	24175	28.97	ng		95
3) Pyridine	1.69	79	75567	34.99	ng		96
4) n-Nitrosodimethylamine	1.65	42	44439	41.54	ng		87
6) Aniline	7.14	93	74531	21.90	ng		96
8) 2-Chlorophenol	7.38	128	90711	40.37	ng		99
9) Benzaldehyde	6.86	77	21339	13.23	ng		94
10) Phenol	7.29	94	105185	40.29	ng		92
11) bis(2-Chloroethyl)ether	7.40	93	83774	41.01	ng	#	79
12) 1,3-Dichlorobenzene	7.69	146	96579	37.78	ng		99
13) 1,4-Dichlorobenzene	7.89	146	98622	36.38	ng		100
14) 1,2-Dichlorobenzene	8.21	146	94969	38.02	ng		98
15) Benzyl Alcohol	8.29	79	79646	40.03	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.64	45	108254	39.42	ng		83
17) 2-Methylphenol	8.64	107	73743	40.16	ng		97
18) Hexachloroethane	8.95	117	36339	38.54	ng		94
19) n-Nitroso-di-n-propylamine	8.93	70	66728	38.77	ng		99
20) 3+4-Methylphenols	9.02	107	94668	38.94	ng		99
22) Acetophenone	8.85	105	131280	40.10	ng		96
24) Nitrobenzene	9.20	77	97918m	39.84	ng		
25) Isophorone	9.80	82	177289	40.35	ng		97
26) 2-Nitrophenol	9.93	139	47671	38.25	ng	#	91
27) 2,4-Dimethylphenol	10.22	122	83553	43.96	ng		97
28) bis(2-Chloroethoxy)methane	10.42	93	106964	42.83	ng		100
29) 2,4-Dichlorophenol	10.54	162	80703	45.56	ng		94
30) 1,2,4-Trichlorobenzene	10.68	180	78418	39.86	ng		99
31) Naphthalene	10.81	128	266177	38.68	ng		98
32) Benzoic acid	10.57	122	46651m	44.31	ng		
33) 4-Chloroaniline	11.05	127	60115	21.62	ng		95
34) Hexachlorobutadiene	11.18	225	45356	38.85	ng		96
35) Caprolactam	11.90	113	23565m	45.19	ng		
36) 4-Chloro-3-methylphenol	12.36	107	86348	42.58	ng		93
37) 2-Methylnaphthalene	12.47	142	194657	41.42	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	74558	41.89	ng		98
40) Hexachlorocyclopentadiene	12.86	237	82388	85.65	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	52365	40.38	ng		93
43) 2,4,5-Trichlorophenol	13.31	196	57767	43.68	ng		97
45) 1,1'-Biphenyl	13.61	154	229776	43.06	ng		96
46) 2-Chloronaphthalene	13.59	162	182931	41.65	ng		99
47) 2-Nitroaniline	13.93	65	59251m	44.47	ng		
48) Acenaphthylene	14.54	152	298023	40.23	ng		99
49) Dimethylphthalate	14.49	163	220853	43.26	ng		98
50) 2,6-Dinitrotoluene	14.59	165	46089	45.19	ng		93
51) Acenaphthene	14.96	154	168807	40.16	ng		97
52) 3-Nitroaniline	14.93	138	36484	28.17	ng		82
53) 2,4-Dinitrophenol	15.21	184	41019	84.86	ng		94
54) Dibenzofuran	15.40	168	263062	42.97	ng		98
55) 4-Nitrophenol	15.53	139	70104	87.60	ng		92
56) 2,4-Dinitrotoluene	15.52	165	64078	42.17	ng	#	92
57) Fluorene	16.13	166	211017	40.68	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.74	232	42877	44.52	ng	#	97
59) Diethylphthalate	16.13	149	229624	44.50	ng		99
60) 4-Chlorophenyl-phenylether	16.22	204	92079	43.39	ng		92
61) 4-Nitroaniline	16.27	138	48046	37.68	ng		95
62) Azobenzene	16.51	77	229350	42.66	ng		98
64) 4,6-Dinitro-2-methylphenol	16.35	198	33097	42.16	ng		99
65) n-Nitrosodiphenylamine	16.46	169	182576	41.49	ng		99
66) 4-Bromophenyl-phenylether	17.07	248	53939	43.14	ng		94
67) Hexachlorobenzene	17.09	284	57248	43.45	ng	#	83
68) Atrazine	17.44	200	64398	48.23	ng		94
69) Pentachlorophenol	17.44	266	53910	88.41	ng		99
70) Phenanthrene	17.73	178	305201	39.66	ng		99
71) Anthracene	17.81	178	317551	42.31	ng		99
72) Carbazole	18.09	167	297401	40.86	ng		99
73) Di-n-butylphthalate	18.69	149	368870	43.78	ng		100
74) Fluoranthene	19.37	202	319521	40.52	ng		97
76) Benzidine	19.61	184	138657	38.55	ng		99
77) Pyrene	19.66	202	328986	42.71	ng		99
79) Butylbenzylphthalate	20.59	149	156197	44.77	ng		88
80) Benzo(a)anthracene	21.18	228	292628	41.50	ng		100
81) 3,3'-Dichlorobenzidine	21.19	252	60159	26.85	ng		95
82) Chrysene	21.23	228	274979	42.76	ng		99
83) Bis(2-ethylhexyl)phthalate	21.33	149	218463	45.26	ng	#	97
84) Di-n-octyl phthalate	22.11	149	383663	45.80	ng		99
85) Indeno(1,2,3-cd)pyrene	24.03	276	273232m	40.09	ng		
87) Benzo(b)fluoranthene	22.45	252	304653	44.84	ng		99
88) Benzo(k)fluoranthene	22.48	252	225210m	37.94	ng		
89) Benzo(a)pyrene	22.81	252	249970	41.71	ng		99
90) Dibenzo(a,h)anthracene	24.05	278	228179	41.49	ng	#	96
91) Benzo(g,h,i)perylene	24.31	276	225850	41.31	ng		98

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

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