Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020915\
Data File : BF077232.D
Acq On : 9 Feb 2015 19:32
Operator : TP/IZ
Sample : PB81636BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81636BS

Quant Time: Feb 10 01:25:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 10 01:15:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	30146	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	128832	20.00	ng		0.00
38) Acenaphthene-d10	14.61	164	62746	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	111895	20.00	ng		0.00
75) Chrysene-d12	21.01	240	108994	20.00	ng		0.00
86) Perylene-d12	22.64	264	98580	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.60	112	141691	77.28	ng		0.00
7) Phenol-d6	7.01	99	182414	78.86	ng		0.00
23) Nitrobenzene-d5	8.90	82	167789	72.15	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	41744	81.96	ng		0.00
44) 2-Fluorobiphenyl	13.16	172	344345	83.52	ng		0.00
78) Terphenyl-d14	19.76	244	357962	75.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.07	88	18114	23.07	ng	#	88
3) Pyridine	1.50	79	49097	24.17	ng		98
4) n-Nitrosodimethylamine	1.46	42	32617	32.41	ng		89
6) Aniline	6.89	93	42838	13.38	ng		96
8) 2-Chlorophenol	7.13	128	63077	29.84	ng		97
10) Phenol	7.04	94	66696	27.16	ng		91
11) bis(2-Chloroethyl)ether	7.14	93	58267	30.32	ng	#	85
12) 1,3-Dichlorobenzene	7.44	146	67908	28.24	ng		98
13) 1,4-Dichlorobenzene	7.63	146	70496	27.64	ng		97
14) 1,2-Dichlorobenzene	7.94	146	66789	28.42	ng		99
15) Benzyl Alcohol	8.05	79	54165	28.94	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.40	45	78490	30.38	ng		91
17) 2-Methylphenol	8.41	107	49006	28.37	ng		97
18) Hexachloroethane	8.68	117	25921	29.22	ng		94
19) n-Nitroso-di-n-propylamine	8.68	70	46714	28.85	ng		99
20) 3+4-Methylphenols	8.80	107	56472	24.69	ng		95
22) Acetophenone	8.59	105	90491	28.68	ng		97
24) Nitrobenzene	8.94	77	65549	27.67	ng		98
25) Isophorone	9.55	82	120782	28.52	ng		94
26) 2-Nitrophenol	9.69	139	29458	25.16	ng	#	85
27) 2,4-Dimethylphenol	9.97	122	53605	29.26	ng		91
28) bis(2-Chloroethoxy)methane	10.18	93	75703	31.45	ng		98
29) 2,4-Dichlorophenol	10.30	162	44286	25.94	ng		95
30) 1,2,4-Trichlorobenzene	10.42	180	54988	29.00	ng		96
31) Naphthalene	10.54	128	188825	28.47	ng		100
32) Benzoic acid	10.38	122	8160m	8.04	ng		
33) 4-Chloroaniline	10.82	127	37907	14.14	ng		98
34) Hexachlorobutadiene	10.91	225	33147	29.46	ng		99
35) Caprolactam	11.65	113	10878	21.64	ng	#	85
36) 4-Chloro-3-methylphenol	12.12	107	52699	26.96	ng		99
37) 2-Methylnaphthalene	12.20	142	133725	29.52	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	51730	33.35	ng		97
40) Hexachlorocyclopentadiene	12.59	237	48558	59.40	ng		97
42) 2,4,6-Trichlorophenol	12.97	196	33129	29.31	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.07	196	26428	22.92	ng	#	94
45) 1,1'-Biphenyl	13.36	154	155430	33.41	ng		99
46) 2-Chloronaphthalene	13.32	162	125024	32.66	ng		97
47) 2-Nitroaniline	13.69	65	38586	33.23	ng		88
48) Acenaphthylene	14.27	152	199895	30.96	ng		99
49) Dimethylphthalate	14.24	163	149177	33.52	ng		98
50) 2,6-Dinitrotoluene	14.33	165	31204	35.10	ng	#	87
51) Acenaphthene	14.69	154	111045	30.31	ng		96
52) 3-Nitroaniline	14.68	138	21488	19.62	ng	#	88
53) 2,4-Dinitrophenol	14.98	184	15704	43.86	ng	#	88
54) Dibenzofuran	15.12	168	175376	32.86	ng		98
55) 4-Nitrophenol	15.31	139	31647	45.37	ng		96
56) 2,4-Dinitrotoluene	15.27	165	41936	32.19	ng		89
57) Fluorene	15.89	166	145245	32.13	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.49	232	23386	27.86	ng	#	96
59) Diethylphthalate	15.91	149	158645	35.28	ng		99
60) 4-Chlorophenyl-phenylether	16.00	204	62695	33.89	ng		88
61) 4-Nitroaniline	16.05	138	28832	26.39	ng		95
62) Azobenzene	16.28	77	161591	34.49	ng		94
64) 4,6-Dinitro-2-methylphenol	16.13	198	16911	25.20	ng		82
65) n-Nitrosodiphenylamine	16.25	169	123373	30.92	ng		98
66) 4-Bromophenyl-phenylether	16.87	248	35530	31.34	ng		96
67) Hexachlorobenzene	16.88	284	36912	30.90	ng	#	93
68) Atrazine	17.25	200	40169	33.18	ng		97
69) Pentachlorophenol	17.27	266	23351	45.84	ng		93
70) Phenanthrene	17.54	178	205619	29.47	ng		98
71) Anthracene	17.62	178	211227	31.04	ng		97
72) Carbazole	17.91	167	197726	29.96	ng		98
73) Di-n-butylphthalate	18.51	149	251777	32.96	ng		98
74) Fluoranthene	19.20	202	218562	30.57	ng		97
76) Benzidine	19.45	184	81136	23.26	ng		98
77) Pyrene	19.47	202	222898	29.84	ng		99
79) Butylbenzylphthalate	20.42	149	111577	32.98	ng		96
80) Benzo(a)anthracene	21.00	228	201963	29.53	ng		99
81) 3,3'-Dichlorobenzidine	21.01	252	39662	18.25	ng		99
82) Chrysene	21.05	228	184613	29.60	ng		100
83) Bis(2-ethylhexyl)phthalate	21.16	149	163261	34.88	ng		96
84) Di-n-octyl phthalate	21.92	149	286722	35.29	ng		99
85) Indeno(1,2,3-cd)pyrene	23.70	276	192463	29.12	ng	#	83
87) Benzo(b)fluoranthene	22.24	252	181988m	27.41	ng		
88) Benzo(k)fluoranthene	22.27	252	190804m	32.89	ng		
89) Benzo(a)pyrene	22.58	252	172970	29.53	ng		98
90) Dibenzo(a,h)anthracene	23.72	278	160752	29.91	ng	#	93
91) Benzo(g,h,i)perylene	23.96	276	164445	30.78	ng		96

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

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