Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_F\DATA\BF012315\
Data File : BF077039.D
Acq On : 23 Jan 2015 16:03
Operator : TP/IZ
Sample : PB81496BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81496BS

Quant Time: Jan 26 11:08:34 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 23 22:23:54 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	33364	20.00	ng		0.00
21) Naphthalene-d8	10.68	136	135757	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	77666	20.00	ng		0.00
63) Phenanthrene-d10	17.64	188	134589	20.00	ng		0.00
75) Chrysene-d12	21.15	240	135457	20.00	ng		0.00
86) Perylene-d12	22.81	264	119898	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.79	112	127444	62.80	ng		0.00
7) Phenol-d6	7.17	99	156338	61.07	ng		0.00
23) Nitrobenzene-d5	9.06	82	146412	59.75	ng		0.00
41) 2,4,6-Tribromophenol	16.52	330	40515	64.27	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	300485	58.88	ng		0.00
78) Terphenyl-d14	19.88	244	333268	56.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.17	88	16557	19.06	ng	#	81
3) Pyridine	1.61	79	48847	21.73	ng		97
4) n-Nitrosodimethylamine	1.57	42	29294	26.30	ng	#	79
6) Aniline	7.04	93	49960	14.10	ng		99
8) 2-Chlorophenol	7.29	128	57993	24.79	ng		97
9) Benzaldehyde	6.77	77	11020	6.09	ng		95
10) Phenol	7.19	94	65755	24.19	ng		91
11) bis(2-Chloroethyl)ether	7.30	93	54397	25.58	ng	#	74
12) 1,3-Dichlorobenzene	7.60	146	61268	23.02	ng		96
13) 1,4-Dichlorobenzene	7.80	146	62040	21.98	ng		99
14) 1,2-Dichlorobenzene	8.12	146	61387	23.61	ng		98
15) Benzyl Alcohol	8.21	79	48908	23.61	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	67253	23.52	ng		97
17) 2-Methylphenol	8.55	107	46019	24.07	ng		98
18) Hexachloroethane	8.86	117	23508	23.95	ng		96
19) n-Nitroso-di-n-propylamine	8.84	70	42242	23.57	ng		97
20) 3+4-Methylphenols	8.94	107	56665	22.38	ng		96
22) Acetophenone	8.76	105	84034	25.27	ng		99
24) Nitrobenzene	9.11	77	62810	25.16	ng		99
25) Isophorone	9.70	82	110970	24.87	ng		98
26) 2-Nitrophenol	9.85	139	30617	24.84	ng	#	90
27) 2,4-Dimethylphenol	10.14	122	51038	26.44	ng		99
28) bis(2-Chloroethoxy)methane	10.34	93	66033	26.03	ng		99
29) 2,4-Dichlorophenol	10.45	162	47823	26.58	ng		98
30) 1,2,4-Trichlorobenzene	10.58	180	50250	25.15	ng		99
31) Naphthalene	10.72	128	169668	24.28	ng		98
32) Benzoic acid	10.49	122	24649m	23.05	ng		
33) 4-Chloroaniline	10.97	127	41175	14.58	ng		96
34) Hexachlorobutadiene	11.09	225	30079	25.37	ng		97
35) Caprolactam	11.81	113	14005m	26.44	ng		
36) 4-Chloro-3-methylphenol	12.28	107	54210	26.32	ng		99
37) 2-Methylnaphthalene	12.38	142	121383	25.43	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.78	216	46614	24.28	ng		97
40) Hexachlorocyclopentadiene	12.77	237	51048	51.14	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	33301	23.80	ng		95
43) 2,4,5-Trichlorophenol	13.21	196	35751	25.05	ng		96
45) 1,1'-Biphenyl	13.53	154	142592	24.77	ng		96
46) 2-Chloronaphthalene	13.51	162	115390	24.35	ng		97
47) 2-Nitroaniline	13.85	65	36552	25.43	ng		86
48) Acenaphthylene	14.45	152	186127	23.29	ng		99
49) Dimethylphthalate	14.41	163	140352	25.48	ng		99
50) 2,6-Dinitrotoluene	14.51	165	29521	26.83	ng		98
51) Acenaphthene	14.88	154	104443	23.03	ng		96
52) 3-Nitroaniline	14.85	138	24253	18.06	ng		87
53) 2,4-Dinitrophenol	15.13	184	24726	52.60	ng		96
54) Dibenzofuran	15.31	168	164301	24.87	ng		96
55) 4-Nitrophenol	15.44	139	42232	48.92	ng		97
56) 2,4-Dinitrotoluene	15.44	165	39291	24.88	ng	#	81
57) Fluorene	16.05	166	134362	24.01	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.66	232	28874	27.79	ng	#	98
59) Diethylphthalate	16.06	149	146953	26.40	ng		99
60) 4-Chlorophenyl-phenylether	16.15	204	57248	25.00	ng		91
61) 4-Nitroaniline	16.20	138	30065	22.46	ng		96
62) Azobenzene	16.44	77	143441	24.73	ng		99
64) 4,6-Dinitro-2-methylphenol	16.28	198	18405	23.12	ng		96
65) n-Nitrosodiphenylamine	16.39	169	113076	23.56	ng		99
66) 4-Bromophenyl-phenylether	17.01	248	33427	24.52	ng	#	87
67) Hexachlorobenzene	17.02	284	34195	23.80	ng		98
68) Atrazine	17.39	200	42541	29.21	ng		92
69) Pentachlorophenol	17.39	266	34561	54.82	ng		99
70) Phenanthrene	17.67	178	199626	23.78	ng		98
71) Anthracene	17.75	178	201702	24.64	ng		99
72) Carbazole	18.04	167	194501	24.50	ng		99
73) Di-n-butylphthalate	18.63	149	243724	26.52	ng		98
74) Fluoranthene	19.32	202	207380	24.11	ng		99
76) Benzidine	19.57	184	103659	23.91	ng		99
77) Pyrene	19.60	202	215669	23.23	ng		100
79) Butylbenzylphthalate	20.54	149	110818	26.36	ng	#	84
80) Benzo(a)anthracene	21.13	228	198763	23.39	ng		99
81) 3,3'-Dichlorobenzidine	21.15	252	46099	17.07	ng		97
82) Chrysene	21.18	228	187097	24.14	ng		99
83) Bis(2-ethylhexyl)phthalate	21.29	149	157701	27.11	ng		99
84) Di-n-octyl phthalate	22.06	149	270523	26.79	ng		99
85) Indeno(1,2,3-cd)pyrene	23.95	276	183642	22.36	ng	#	82
87) Benzo(b)fluoranthene	22.39	252	200885	24.88	ng		100
88) Benzo(k)fluoranthene	22.43	252	157177m	22.28	ng		
89) Benzo(a)pyrene	22.76	252	176670	24.80	ng		97
90) Dibenzo(a,h)anthracene	23.98	278	155577	23.80	ng		98
91) Benzo(g,h,i)perylene	24.23	276	156595	24.10	ng		98

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

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