Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021315\
Data File : BF077312.D
Acq On : 13 Feb 2015 17:24
Operator : TP/IZ
Sample : PB81735BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81735BS

Quant Time: Feb 14 00:00:11 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 13 13:10:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	29576	20.00	ng		0.00
21) Naphthalene-d8	10.41	136	130251	20.00	ng		0.00
38) Acenaphthene-d10	14.52	164	64311	20.00	ng		0.00
63) Phenanthrene-d10	17.44	188	117609	20.00	ng		0.00
75) Chrysene-d12	20.95	240	107318	20.00	ng		-0.01
86) Perylene-d12	22.58	264	95996	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	4.50	112	224930	118.56	ng		0.01
7) Phenol-d6	6.93	99	294096	125.64	ng		0.00
23) Nitrobenzene-d5	8.82	82	185919	81.53	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	73217	139.61	ng		-0.01
44) 2-Fluorobiphenyl	13.07	172	400257	93.67	ng		0.00
78) Terphenyl-d14	19.69	244	408142	85.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.02	88	24065	33.72	ng		100
3) Pyridine	1.45	79	59184	31.30	ng		98
4) n-Nitrosodimethylamine	1.41	42	31607	29.21	ng		96
6) Aniline	6.80	93	57626	18.61	ng		97
8) 2-Chlorophenol	7.02	128	80914	37.70	ng		96
10) Phenol	6.96	94	87923	36.54	ng		95
11) bis(2-Chloroethyl)ether	7.05	93	72532	37.83	ng		100
12) 1,3-Dichlorobenzene	7.33	146	85689	36.12	ng		99
13) 1,4-Dichlorobenzene	7.54	146	85792	35.07	ng		93
14) 1,2-Dichlorobenzene	7.85	146	83482	36.02	ng		98
15) Benzyl Alcohol	7.96	79	69610	37.54	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.30	45	98357	36.60	ng		98
17) 2-Methylphenol	8.32	107	63037	37.98	ng	#	89
18) Hexachloroethane	8.59	117	32975	37.11	ng		93
19) n-Nitroso-di-n-propylamine	8.59	70	60150	36.54	ng		100
20) 3+4-Methylphenols	8.72	107	80425m	37.59	ng		
22) Acetophenone	8.51	105	117837	37.67	ng		98
24) Nitrobenzene	8.85	77	84145	37.22	ng		100
25) Isophorone	9.46	82	159236	38.74	ng		96
26) 2-Nitrophenol	9.60	139	38978	35.10	ng		96
27) 2,4-Dimethylphenol	9.89	122	73491	39.78	ng		97
28) bis(2-Chloroethoxy)methane	10.09	93	96802	38.68	ng		99
29) 2,4-Dichlorophenol	10.21	162	64786m	38.38	ng		
30) 1,2,4-Trichlorobenzene	10.33	180	72731	38.11	ng		96
31) Naphthalene	10.45	128	241897	37.63	ng		99
32) Benzoic acid	10.34	122	5155	25.56	ng	#	69
33) 4-Chloroaniline	10.73	127	62164m	23.97	ng		
34) Hexachlorobutadiene	10.82	225	41793	38.55	ng		99
35) Caprolactam	11.59	113	17592m	34.45	ng		
36) 4-Chloro-3-methylphenol	12.04	107	70678	37.43	ng		98
37) 2-Methylnaphthalene	12.11	142	182000	37.76	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	68554	42.36	ng	#	100
40) Hexachlorocyclopentadiene	12.50	237	66635	83.27	ng		97
42) 2,4,6-Trichlorophenol	12.88	196	43614	41.01	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	12.98	196	39604m	38.00	ng		
45) 1,1'-Biphenyl	13.27	154	210534	42.48	ng		99
46) 2-Chloronaphthalene	13.23	162	166520	42.08	ng		99
47) 2-Nitroaniline	13.60	65	50534	43.70	ng		90
48) Acenaphthylene	14.18	152	271025	43.40	ng		99
49) Dimethylphthalate	14.16	163	207476	44.61	ng		100
50) 2,6-Dinitrotoluene	14.25	165	42604	47.38	ng		85
51) Acenaphthene	14.60	154	151934	42.01	ng		99
52) 3-Nitroaniline	14.59	138	28455	25.87	ng		96
53) 2,4-Dinitrophenol	14.89	184	21297	68.87	ng	#	75
54) Dibenzofuran	15.03	168	239407	42.81	ng		96
55) 4-Nitrophenol	15.23	139	40994	76.57	ng		97
56) 2,4-Dinitrotoluene	15.19	165	56667	44.09	ng		92
57) Fluorene	15.80	166	197927	43.23	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.40	232	29636	42.10	ng	#	100
59) Diethylphthalate	15.83	149	218340	45.08	ng		99
60) 4-Chlorophenyl-phenylether	15.91	204	85358	44.84	ng		95
61) 4-Nitroaniline	15.99	138	36687	35.71	ng		98
62) Azobenzene	16.21	77	201501m	43.62	ng		
64) 4,6-Dinitro-2-methylphenol	16.07	198	23729	36.71	ng		97
65) n-Nitrosodiphenylamine	16.17	169	166244	39.63	ng		97
66) 4-Bromophenyl-phenylether	16.80	248	51419	41.84	ng		92
67) Hexachlorobenzene	16.81	284	51027	40.77	ng	#	79
68) Atrazine	17.20	200	56870	42.80	ng		92
69) Pentachlorophenol	17.20	266	26943	70.53	ng		95
70) Phenanthrene	17.47	178	276079	38.92	ng		99
71) Anthracene	17.55	178	272972	38.36	ng		99
72) Carbazole	17.85	167	257900	37.94	ng		99
73) Di-n-butylphthalate	18.45	149	369863	42.75	ng		98
74) Fluoranthene	19.13	202	281965	38.59	ng		97
76) Benzidine	19.38	184	128139	29.46	ng		99
77) Pyrene	19.41	202	292242	40.83	ng		99
79) Butylbenzylphthalate	20.36	149	158140	43.64	ng		92
80) Benzo(a)anthracene	20.93	228	257281	38.95	ng		99
81) 3,3'-Dichlorobenzidine	20.96	252	54014	23.32	ng	#	96
82) Chrysene	20.98	228	242693	40.55	ng		99
83) Bis(2-ethylhexyl)phthalate	21.09	149	238859	44.30	ng	#	98
84) Di-n-octyl phthalate	21.86	149	421140	45.41	ng		99
85) Indeno(1,2,3-cd)pyrene	23.68	276	252195m	43.33	ng		
87) Benzo(b)fluoranthene	22.18	252	234516m	34.31	ng		
88) Benzo(k)fluoranthene	22.21	252	227802m	44.12	ng		
89) Benzo(a)pyrene	22.52	252	217441	38.20	ng		99
90) Dibenzo(a,h)anthracene	23.70	278	208564m	41.26	ng		
91) Benzo(g,h,i)perylene	23.93	276	194205	38.83	ng	#	95

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

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