Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
Data File : BF078910.D
Acq On : 4 May 2015 11:11
Operator : TP/IZ
Sample : PB83053BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB83053BS

Quant Time: May 05 01:32:15 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 00:58:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	72106	20.00	ng		0.00
21) Naphthalene-d8	8.94	136	298271	20.00	ng		0.00
38) Acenaphthene-d10	11.11	164	143162	20.00	ng		-0.01
63) Phenanthrene-d10	12.96	188	279858	20.00	ng		0.00
75) Chrysene-d12	16.27	240	286190	20.00	ng		-0.05
86) Perylene-d12	18.10	264	286837	20.00	ng		-0.14
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	490724	117.15	ng		0.01
7) Phenol-d6	6.90	99	607901	109.79	ng		0.00
23) Nitrobenzene-d5	8.04	82	351158	67.66	ng		0.00
41) 2,4,6-Tribromophenol	12.09	330	183529	118.50	ng		0.00
44) 2-Fluorobiphenyl	10.28	172	764246	74.37	ng		0.00
78) Terphenyl-d14	14.96	244	866602	72.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	58529	32.14	ng	#	30
3) Pyridine	3.11	79	168501	31.61	ng		98
4) n-Nitrosodimethylamine	3.02	42	81349m	35.62	ng		
6) Aniline	6.95	93	146210	18.71	ng		99
8) 2-Chlorophenol	7.08	128	174326	36.69	ng		100
9) Benzaldehyde	6.81	77	47694	12.79	ng		97
10) Phenol	6.92	94	216162	33.65	ng		89
11) bis(2-Chloroethyl)ether	7.04	93	161868	34.38	ng		98
12) 1,3-Dichlorobenzene	7.28	146	180952	33.89	ng		98
13) 1,4-Dichlorobenzene	7.38	146	187978	34.21	ng		98
14) 1,2-Dichlorobenzene	7.56	146	181961	35.57	ng		99
15) Benzyl Alcohol	7.53	79	143088	34.81	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.71	45	255311	35.44	ng		100
17) 2-Methylphenol	7.67	107	137985	36.09	ng		95
18) Hexachloroethane	7.99	117	63915	33.77	ng		92
19) n-Nitroso-di-n-propylamine	7.87	70	125577	33.58	ng	#	79
20) 3+4-Methylphenols	7.86	107	182061	35.74	ng		93
22) Acetophenone	7.86	105	252727	37.50	ng		98
24) Nitrobenzene	8.07	77	180803	35.15	ng		95
25) Isophorone	8.36	82	329264	34.22	ng		100
26) 2-Nitrophenol	8.47	139	69863	32.81	ng		96
27) 2,4-Dimethylphenol	8.51	122	156868	36.82	ng		98
28) bis(2-Chloroethoxy)methane	8.65	93	212353	35.80	ng		99
29) 2,4-Dichlorophenol	8.75	162	144152	38.05	ng		97
30) 1,2,4-Trichlorobenzene	8.87	180	149443	35.91	ng		98
31) Naphthalene	8.96	128	515226	36.25	ng		99
32) Benzoic acid	8.60	122	73570	30.25	ng		99
33) 4-Chloroaniline	9.03	127	117418	19.53	ng		99
34) Hexachlorobutadiene	9.12	225	79472	33.16	ng		96
35) Caprolactam	9.45	113	44806	36.57	ng		99
36) 4-Chloro-3-methylphenol	9.63	107	148756	37.38	ng	#	83
37) 2-Methylnaphthalene	9.82	142	347386	35.27	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.02	216	143093	35.49	ng	#	100
40) Hexachlorocyclopentadiene	10.01	237	156719	77.30	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.17	196	98270	35.45	ng		97
43) 2,4,5-Trichlorophenol	10.20	196	102313	36.51	ng	#	87
45) 1,1'-Biphenyl	10.40	154	417900	36.72	ng		100
46) 2-Chloronaphthalene	10.42	162	327158	36.85	ng		98
47) 2-Nitroaniline	10.55	65	95282	37.04	ng		99
48) Acenaphthylene	10.94	152	529210	36.31	ng		100
49) Dimethylphthalate	10.79	163	389994	37.12	ng		100
50) 2,6-Dinitrotoluene	10.86	165	76149	36.72	ng		95
51) Acenaphthene	11.15	154	310658	35.74	ng		99
52) 3-Nitroaniline	11.06	138	66807	25.79	ng	#	93
53) 2,4-Dinitrophenol	11.19	184	46254	62.21	ng	#	82
54) Dibenzofuran	11.37	168	487052	38.79	ng		96
55) 4-Nitrophenol	11.26	139	136824	66.74	ng	#	76
56) 2,4-Dinitrotoluene	11.35	165	101674	37.09	ng		98
57) Fluorene	11.79	166	387742	37.63	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.52	232	82620	36.08	ng	#	100
59) Diethylphthalate	11.67	149	393069	37.76	ng		99
60) 4-Chlorophenyl-phenylether	11.80	204	169346	37.04	ng		95
61) 4-Nitroaniline	11.82	138	92535	35.71	ng		94
62) Azobenzene	12.00	77	402726	39.26	ng		95
64) 4,6-Dinitro-2-methylphenol	11.85	198	34573	33.77	ng		96
65) n-Nitrosodiphenylamine	11.94	169	321687	34.52	ng		98
66) 4-Bromophenyl-phenylether	12.41	248	107264	36.77	ng		93
67) Hexachlorobenzene	12.47	284	117963	35.38	ng		93
68) Atrazine	12.62	200	100269	37.00	ng		99
69) Pentachlorophenol	12.72	266	124143	65.04	ng		98
70) Phenanthrene	12.98	178	531484	33.95	ng		100
71) Anthracene	13.05	178	554845	36.12	ng		99
72) Carbazole	13.26	167	545567	37.27	ng		98
73) Di-n-butylphthalate	13.70	149	621604	35.41	ng		99
74) Fluoranthene	14.47	202	590503	36.20	ng		94
76) Benzidine	14.64	184	177720	23.04	ng		99
77) Pyrene	14.74	202	612413	37.13	ng		98
79) Butylbenzylphthalate	15.58	149	262513	36.42	ng		90
80) Benzo(a)anthracene	16.26	228	565715	36.10	ng		99
81) 3,3'-Dichlorobenzidine	16.24	252	149557	26.79	ng		99
82) Chrysene	16.31	228	537885	35.68	ng		99
83) Bis(2-ethylhexyl)phthalate	16.32	149	401610	36.78	ng		99
84) Di-n-octyl phthalate	17.15	149	665637	34.61	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.62	276	670911	34.93	ng	#	100
87) Benzo(b)fluoranthene	17.63	252	563508	35.89	ng	#	97
88) Benzo(k)fluoranthene	17.67	252	591417m	38.91	ng		
89) Benzo(a)pyrene	18.03	252	538871	37.28	ng	#	96
90) Dibenzo(a,h)anthracene	19.66	278	541831	35.27	ng		96
91) Benzo(g,h,i)perylene	20.07	276	551160	35.79	ng		99

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

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