Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
Data File : BF079314.D
Acq On : 18 May 2015 18:07
Operator : TP/IZ
Sample : PB83448BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB83448BS

Quant Time: May 19 01:14:12 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 19 00:51:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	52896	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	214984	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	104931	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	200310	20.00	ng		0.00
75) Chrysene-d12	16.06	240	213753	20.00	ng		0.01
86) Perylene-d12	17.87	264	219113	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	351707m	114.45	ng		0.00
7) Phenol-d6	6.73	99	456861	112.48	ng		-0.01
23) Nitrobenzene-d5	7.86	82	267032	71.39	ng		0.00
41) 2,4,6-Tribromophenol	11.90	330	141972	125.07	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	557230	73.99	ng		0.00
78) Terphenyl-d14	14.75	244	681156	76.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	36262m	27.14	ng		
3) Pyridine	2.78	79	126014m	32.23	ng		
4) n-Nitrosodimethylamine	2.68	42	60588m	36.17	ng		
6) Aniline	6.75	93	122327	21.34	ng	#	25
8) 2-Chlorophenol	6.90	128	126611	36.33	ng	#	81
9) Benzaldehyde	6.62	77	27843	10.18	ng		91
10) Phenol	6.75	94	169649	36.00	ng	#	69
11) bis(2-Chloroethyl)ether	6.86	93	123451	35.74	ng		91
12) 1,3-Dichlorobenzene	7.08	146	136725	34.90	ng	#	91
13) 1,4-Dichlorobenzene	7.19	146	142444	35.33	ng		98
14) 1,2-Dichlorobenzene	7.37	146	132089	35.19	ng		98
15) Benzyl Alcohol	7.35	79	98434	32.65	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.53	45	182329	34.50	ng		97
17) 2-Methylphenol	7.50	107	101472	36.18	ng	#	94
18) Hexachloroethane	7.78	117	46911	33.78	ng	#	86
19) n-Nitroso-di-n-propylamine	7.68	70	92572	33.74	ng	#	93
20) 3+4-Methylphenols	7.69	107	136051	36.40	ng	#	48
22) Acetophenone	7.68	105	184399	37.97	ng	#	83
24) Nitrobenzene	7.88	77	133944	36.12	ng	#	83
25) Isophorone	8.18	82	245244	35.36	ng		95
26) 2-Nitrophenol	8.27	139	60379	39.34	ng	#	86
27) 2,4-Dimethylphenol	8.34	122	116408	37.91	ng		96
28) bis(2-Chloroethoxy)methane	8.47	93	157895	36.93	ng		99
29) 2,4-Dichlorophenol	8.57	162	108162	39.61	ng		98
30) 1,2,4-Trichlorobenzene	8.67	180	108521	36.18	ng		99
31) Naphthalene	8.76	128	368383	35.96	ng		99
32) Benzoic acid	8.46	122	58159	32.57	ng		96
33) 4-Chloroaniline	8.84	127	94751	21.86	ng	#	92
34) Hexachlorobutadiene	8.92	225	62032	35.91	ng		98
35) Caprolactam	9.27	113	32469	36.77	ng		96
36) 4-Chloro-3-methylphenol	9.46	107	112317	39.16	ng		95
37) 2-Methylnaphthalene	9.63	142	258181	36.37	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	103339	34.97	ng		99
40) Hexachlorocyclopentadiene	9.82	237	91012	61.24	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.99	196	72801	35.83	ng		97
43) 2,4,5-Trichlorophenol	10.03	196	75554	36.78	ng		98
45) 1,1'-Biphenyl	10.20	154	299993	35.96	ng		97
46) 2-Chloronaphthalene	10.23	162	234021	35.97	ng		97
47) 2-Nitroaniline	10.36	65	72987	38.71	ng	#	73
48) Acenaphthylene	10.74	152	399199	37.37	ng		98
49) Dimethylphthalate	10.60	163	290123	37.67	ng		97
50) 2,6-Dinitrotoluene	10.67	165	57701	37.97	ng	#	66
51) Acenaphthene	10.96	154	228798	35.91	ng		99
52) 3-Nitroaniline	10.88	138	49434	26.04	ng	#	75
53) 2,4-Dinitrophenol	11.02	184	45225	73.96	ng	#	58
54) Dibenzofuran	11.18	168	350515	38.09	ng		95
55) 4-Nitrophenol	11.10	139	106075	70.59	ng	#	85
56) 2,4-Dinitrotoluene	11.18	165	81514	40.57	ng		96
57) Fluorene	11.60	166	288058	38.14	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.32	232	65386	38.95	ng	#	99
59) Diethylphthalate	11.47	149	288544	37.82	ng		98
60) 4-Chlorophenyl-phenylether	11.61	204	124873	37.27	ng	#	87
61) 4-Nitroaniline	11.63	138	74249	39.09	ng		87
62) Azobenzene	11.80	77	294818	39.22	ng		92
64) 4,6-Dinitro-2-methylphenol	11.68	198	33436	42.14	ng		98
65) n-Nitrosodiphenylamine	11.76	169	244467	36.65	ng		100
66) 4-Bromophenyl-phenylether	12.22	248	78129	37.42	ng	#	77
67) Hexachlorobenzene	12.27	284	88976	37.28	ng	#	70
68) Atrazine	12.43	200	76620	39.50	ng		93
69) Pentachlorophenol	12.52	266	90633	66.20	ng		99
70) Phenanthrene	12.79	178	424087	37.84	ng		99
71) Anthracene	12.85	178	416199	37.86	ng		99
72) Carbazole	13.05	167	417765	39.87	ng		99
73) Di-n-butylphthalate	13.51	149	497276	39.57	ng		98
74) Fluoranthene	14.26	202	462911	39.64	ng		94
76) Benzidine	14.45	184	210448	36.53	ng		97
77) Pyrene	14.54	202	482557	39.18	ng		99
79) Butylbenzylphthalate	15.37	149	224264	41.65	ng		94
80) Benzo(a)anthracene	16.05	228	450444	38.48	ng		100
81) 3,3'-Dichlorobenzidine	16.02	252	136209	32.67	ng	#	97
82) Chrysene	16.09	228	422994	37.57	ng		99
83) Bis(2-ethylhexyl)phthalate	16.11	149	344882	42.29	ng		99
84) Di-n-octyl phthalate	16.95	149	581371	40.48	ng		97
85) Indeno(1,2,3-cd)pyrene	19.30	276	551622	38.46	ng		99
87) Benzo(b)fluoranthene	17.41	252	497176	41.45	ng		98
88) Benzo(k)fluoranthene	17.44	252	417162	35.93	ng	#	97
89) Benzo(a)pyrene	17.82	252	454222	41.13	ng	#	98
90) Dibenzo(a,h)anthracene	19.33	278	453010	38.60	ng		99
91) Benzo(g,h,i)perylene	19.71	276	466374	39.65	ng		98

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

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