Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079120.D
Acq On : 11 May 2015 17:17
Operator : TP/IZ
Sample : PB83300BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB83300BS

Manual Integrations APPROVED
apatel
5/12/2015 4:50:11 PM

Quant Time: May 12 02:28:45 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 01:34:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	51479	20.00	ng		0.00
21) Naphthalene-d8	8.88	136	208207	20.00	ng		0.00
38) Acenaphthene-d10	11.05	164	105659	20.00	ng		0.00
63) Phenanthrene-d10	12.90	188	204956	20.00	ng		0.00
75) Chrysene-d12	16.21	240	214367	20.00	ng		-0.02
86) Perylene-d12	18.02	264	236220	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	395694	132.31	ng		0.01
7) Phenol-d6	6.87	99	555650	140.56	ng		0.01
23) Nitrobenzene-d5	7.99	82	284154	78.44	ng		0.00
41) 2,4,6-Tribromophenol	12.03	330	155174	135.76	ng		0.00
44) 2-Fluorobiphenyl	10.23	172	609643	80.39	ng		0.00
78) Terphenyl-d14	14.89	244	746246	83.34	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	42213	32.46	ng	#	28
3) Pyridine	2.99	79	127377	33.47	ng		98
4) n-Nitrosodimethylamine	2.90	42	56143m	34.43	ng		
6) Aniline	6.89	93	123749	22.18	ng	#	89
8) 2-Chlorophenol	7.03	128	140815	41.51	ng		94
9) Benzaldehyde	6.74	77	56354	21.16	ng		88
10) Phenol	6.88	94	191190	41.69	ng		88
11) bis(2-Chloroethyl)ether	6.98	93	127594	37.95	ng		99
12) 1,3-Dichlorobenzene	7.22	146	144892	38.00	ng		94
13) 1,4-Dichlorobenzene	7.32	146	146175	37.26	ng		97
14) 1,2-Dichlorobenzene	7.51	146	144601	39.59	ng		97
15) Benzyl Alcohol	7.48	79	120091	40.92	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.66	45	204321	39.73	ng		99
17) 2-Methylphenol	7.63	107	115033	42.14	ng		96
18) Hexachloroethane	7.92	117	52301	38.70	ng	#	85
19) n-Nitroso-di-n-propylamine	7.82	70	101971	38.19	ng	#	82
20) 3+4-Methylphenols	7.82	107	158213	43.50	ng	#	48
22) Acetophenone	7.80	105	200102	42.54	ng	#	93
24) Nitrobenzene	8.01	77	144970	40.37	ng		97
25) Isophorone	8.31	82	263879	39.29	ng		98
26) 2-Nitrophenol	8.41	139	69589	46.82	ng		97
27) 2,4-Dimethylphenol	8.47	122	126782	42.63	ng		98
28) bis(2-Chloroethoxy)methane	8.59	93	175407	42.37	ng		98
29) 2,4-Dichlorophenol	8.71	162	125480	47.45	ng		98
30) 1,2,4-Trichlorobenzene	8.81	180	117774	40.54	ng		98
31) Naphthalene	8.90	128	413144	41.64	ng		99
32) Benzoic acid	8.57	122	74658	41.12	ng		98
33) 4-Chloroaniline	8.97	127	101065	24.08	ng		95
34) Hexachlorobutadiene	9.05	225	64132	38.33	ng		96
35) Caprolactam	9.39	113	39531	46.22	ng		96
36) 4-Chloro-3-methylphenol	9.59	107	133772	48.16	ng		92
37) 2-Methylnaphthalene	9.76	142	286853	41.73	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.96	216	114113	38.35	ng	#	100
40) Hexachlorocyclopentadiene	9.95	237	110458	73.82	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.11	196	83937	41.03 ng		96
43) 2,4,5-Trichlorophenol	10.16	196	89339	43.19 ng		96
45) 1,1'-Biphenyl	10.34	154	345141	41.09 ng		99
46) 2-Chloronaphthalene	10.36	162	267332	40.80 ng		97
47) 2-Nitroaniline	10.49	65	77999	41.09 ng		96
48) Acenaphthylene	10.88	152	449873	41.82 ng		99
49) Dimethylphthalate	10.73	163	324208	41.81 ng		100
50) 2,6-Dinitrotoluene	10.80	165	63542	41.52 ng		97
51) Acenaphthene	11.10	154	251853	39.26 ng		99
52) 3-Nitroaniline	11.00	138	64310	33.64 ng	#	90
53) 2,4-Dinitrophenol	11.14	184	50300	78.44 ng	#	88
54) Dibenzofuran	11.31	168	384972	41.54 ng		95
55) 4-Nitrophenol	11.22	139	128661	85.03 ng	#	76
56) 2,4-Dinitrotoluene	11.30	165	94314	46.62 ng	#	74
57) Fluorene	11.74	166	323479	42.53 ng		100
58) 2,3,4,6-Tetrachlorophenol	11.46	232	73843	43.69 ng	#	100
59) Diethylphthalate	11.61	149	320654	41.74 ng		99
60) 4-Chlorophenyl-phenylether	11.74	204	132841	39.37 ng	#	82
61) 4-Nitroaniline	11.76	138	79691	41.67 ng		94
62) Azobenzene	11.94	77	316780	41.85 ng		91
64) 4,6-Dinitro-2-methylphenol	11.81	198	37596	45.10 ng	#	69
65) n-Nitrosodiphenylamine	11.89	169	271590	39.79 ng		97
66) 4-Bromophenyl-phenylether	12.35	248	88991	41.66 ng	#	88
67) Hexachlorobenzene	12.41	284	99982	40.95 ng	#	87
68) Atrazine	12.56	200	82344	41.49 ng		97
69) Pentachlorophenol	12.66	266	95639	68.06 ng		97
70) Phenanthrene	12.93	178	458447	39.98 ng		99
71) Anthracene	12.99	178	493260	43.85 ng		98
72) Carbazole	13.20	167	475632	44.36 ng		99
73) Di-n-butylphthalate	13.65	149	565208	43.96 ng	#	98
74) Fluoranthene	14.41	202	531349	44.47 ng		94
76) Benzidine	14.58	184	256858	44.46 ng		98
77) Pyrene	14.69	202	538198	43.57 ng		99
79) Butylbenzylphthalate	15.52	149	259816	48.12 ng	#	78
80) Benzo(a)anthracene	16.19	228	510977	43.53 ng		100
81) 3,3'-Dichlorobenzidine	16.17	252	177277	42.40 ng	#	99
82) Chrysene	16.24	228	476549	42.21 ng		99
83) Bis(2-ethylhexyl)phthalate	16.25	149	387199	47.34 ng		99
84) Di-n-octyl phthalate	17.07	149	681790	47.33 ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.51	276	669033	46.51 ng	#	100
87) Benzo(b)fluoranthene	17.55	252	549343	42.49 ng	#	96
88) Benzo(k)fluoranthene	17.59	252	519779	41.53 ng	#	95
89) Benzo(a)pyrene	17.95	252	530175	44.53 ng		99
90) Dibenzo(a,h)anthracene	19.53	278	534038	42.21 ng		98
91) Benzo(g,h,i)perylene	19.94	276	544382	42.93 ng		96

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

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