Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
Data File : BF083711.D
Acq On : 11 Dec 2015 22:52
Operator : UM/IZ
Sample : PB87142BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87142BS

Manual Integrations APPROVED
MMdadoda
12/14/2015 6:22:34 PM

Quant Time: Dec 11 23:25:56 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 11 19:24:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	133810	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	533157	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	243083	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	456314	20.00	ng		0.00
75) Chrysene-d12	14.08	240	296701	20.00	ng		0.00
86) Perylene-d12	15.51	264	242357	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	985140	113.38	ng		0.01
7) Phenol-d6	6.56	99	1221505	113.84	ng		0.01
23) Nitrobenzene-d5	7.48	82	683786	86.98	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	311032	132.19	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	1264112	76.60	ng		0.00
78) Terphenyl-d14	13.03	244	1208543	91.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	135421	31.87	ng	#	84
3) Pyridine	3.38	79	381958	34.60	ng		88
4) n-Nitrosodimethylamine	3.32	42	167187	37.25	ng	#	69
6) Aniline	6.58	93	303713	20.67	ng	#	85
8) 2-Chlorophenol	6.70	128	354761	37.36	ng		98
9) Benzaldehyde	6.46	77	141925	24.01	ng		94
10) Phenol	6.57	94	463951	37.22	ng	#	67
11) bis(2-Chloroethyl)ether	6.66	93	359603	39.52	ng		93
12) 1,3-Dichlorobenzene	6.86	146	382673	36.51	ng		98
13) 1,4-Dichlorobenzene	6.94	146	406260	38.38	ng		96
14) 1,2-Dichlorobenzene	7.09	146	354796	36.45	ng		97
15) Benzyl Alcohol	7.06	79	302963	40.19	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	442703	35.14	ng		68
17) 2-Methylphenol	7.17	107	300648	39.22	ng	#	85
18) Hexachloroethane	7.45	117	142201	39.69	ng		99
19) n-Nitroso-di-n-propylamine	7.33	70	234017	37.42	ng		94
20) 3+4-Methylphenols	7.32	107	376377	39.89	ng	#	75
22) Acetophenone	7.33	105	475796	37.33	ng	#	98
24) Nitrobenzene	7.50	77	393288	44.72	ng	#	85
25) Isophorone	7.74	82	664025	37.79	ng		95
26) 2-Nitrophenol	7.82	139	180777	49.90	ng	#	79
27) 2,4-Dimethylphenol	7.86	122	345990m	39.27	ng		
28) bis(2-Chloroethoxy)methane	7.96	93	417975	41.60	ng	#	95
29) 2,4-Dichlorophenol	8.06	162	316073	43.39	ng		98
30) 1,2,4-Trichlorobenzene	8.16	180	320786	39.72	ng		98
31) Naphthalene	8.24	128	1075949	40.88	ng		99
32) Benzoic acid	7.96	122	195067m	40.94	ng		
33) 4-Chloroaniline	8.27	127	110689m	10.11	ng		
34) Hexachlorobutadiene	8.36	225	174252	38.82	ng		96
35) Caprolactam	8.62	113	94450m	40.33	ng		
36) 4-Chloro-3-methylphenol	8.75	107	316444	39.68	ng		93
37) 2-Methylnaphthalene	8.92	142	684619	41.23	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	306036	40.36	ng	#	100
40) Hexachlorocyclopentadiene	9.08	237	307941	85.83	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	211695	40.74	ng		99
43) 2,4,5-Trichlorophenol	9.23	196	191281	38.15	ng	#	89
45) 1,1'-Biphenyl	9.39	154	836598	39.46	ng		95
46) 2-Chloronaphthalene	9.41	162	642148	40.19	ng		98
47) 2-Nitroaniline	9.49	65	162080	41.35	ng		91
48) Acenaphthylene	9.82	152	999145	37.94	ng		99
49) Dimethylphthalate	9.69	163	754393	40.34	ng		99
50) 2,6-Dinitrotoluene	9.74	165	164251	45.23	ng	#	60
51) Acenaphthene	10.00	154	635009	40.73	ng		99
52) 3-Nitroaniline	9.90	138	86247	21.18	ng	#	71
53) 2,4-Dinitrophenol	10.01	184	112704	92.72	ng	#	57
54) Dibenzofuran	10.17	168	837518	40.34	ng		91
55) 4-Nitrophenol	10.06	139	330111	95.36	ng	#	75
56) 2,4-Dinitrotoluene	10.14	165	233206	50.50	ng	#	65
57) Fluorene	10.51	166	657681	39.92	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	173490	46.72	ng	#	100
59) Diethylphthalate	10.38	149	676704	38.61	ng		99
60) 4-Chlorophenyl-phenylether	10.50	204	285129	36.27	ng	#	87
61) 4-Nitroaniline	10.52	138	159721	42.31	ng		86
62) Azobenzene	10.66	77	647279	38.79	ng		98
64) 4,6-Dinitro-2-methylphenol	10.54	198	87144	45.69	ng		89
65) n-Nitrosodiphenylamine	10.61	169	580293	38.31	ng		98
66) 4-Bromophenyl-phenylether	10.99	248	194026	39.78	ng		93
67) Hexachlorobenzene	11.06	284	215673	40.60	ng		96
68) Atrazine	11.14	200	166901	38.64	ng		96
69) Pentachlorophenol	11.24	266	256885	86.64	ng		98
70) Phenanthrene	11.47	178	1060050	42.56	ng		99
71) Anthracene	11.52	178	950434	36.96	ng		99
72) Carbazole	11.66	167	868281	36.78	ng	#	95
73) Di-n-butylphthalate	12.01	149	1038248	40.36	ng		100
74) Fluoranthene	12.65	202	989483	37.96	ng		96
76) Benzidine	12.76	184	187854	16.42	ng		99
77) Pyrene	12.88	202	1002215	42.84	ng		98
79) Butylbenzylphthalate	13.49	149	363614	48.48	ng	#	91
80) Benzo(a)anthracene	14.05	228	757753	43.59	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	138205	25.02	ng		98
82) Chrysene	14.10	228	745758	44.61	ng		99
83) Bis(2-ethylhexyl)phthalate	14.07	149	377781	46.57	ng		100
84) Di-n-octyl phthalate	14.67	149	535564	43.68	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.95	276	725077	40.30	ng	#	100
87) Benzo(b)fluoranthene	15.09	252	597549	39.67	ng		99
88) Benzo(k)fluoranthene	15.13	252	586965m	40.87	ng		
89) Benzo(a)pyrene	15.45	252	576821	42.11	ng		99
90) Dibenzo(a,h)anthracene	16.96	278	608233	44.82	ng	#	95
91) Benzo(g,h,i)perylene	17.37	276	633954	44.30	ng		98

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

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