Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
Data File : BF082763.D
Acq On : 6 Nov 2015 16:05
Operator : UM/IZ
Sample : PB86454BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86454BS

Manual Integrations APPROVED
Mmdadoda
11/9/2015 2:10:17 PM

Quant Time: Nov 07 03:07:10 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	165309	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	618726	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	349475	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	641344	20.00	ng		0.00
75) Chrysene-d12	14.02	240	592775	20.00	ng		0.00
86) Perylene-d12	15.46	264	531585	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	915768	86.19	ng		0.01
7) Phenol-d6	6.49	99	1374867	97.34	ng		0.01
23) Nitrobenzene-d5	7.41	82	920339	64.72	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	372240	92.90	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1628268	66.78	ng		0.00
78) Terphenyl-d14	12.96	244	1609195	64.39	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	130126	28.39	ng		94
3) Pyridine	3.25	79	370068	27.82	ng		97
4) n-Nitrosodimethylamine	3.20	42	195937	29.70	ng	#	84
6) Aniline	6.51	93	359748	18.14	ng		95
8) 2-Chlorophenol	6.64	128	377117	32.02	ng		92
9) Benzaldehyde	6.38	77	45310	5.81	ng		97
10) Phenol	6.50	94	561425	35.03	ng		95
11) bis(2-Chloroethyl)ether	6.59	93	354799	29.60	ng	#	81
12) 1,3-Dichlorobenzene	6.80	146	385229m	29.00	ng		
13) 1,4-Dichlorobenzene	6.86	146	392990	28.44	ng		98
14) 1,2-Dichlorobenzene	7.02	146	394965	31.43	ng		98
15) Benzyl Alcohol	6.99	79	363102	29.27	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	562787	32.01	ng		94
17) 2-Methylphenol	7.10	107	293784	29.45	ng		97
18) Hexachloroethane	7.37	117	148738	30.09	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	278513	26.82	ng		91
20) 3+4-Methylphenols	7.26	107	420195	32.40	ng		94
22) Acetophenone	7.26	105	548135	30.92	ng	#	92
24) Nitrobenzene	7.42	77	437387	30.08	ng	#	87
25) Isophorone	7.68	82	801143	30.45	ng		98
26) 2-Nitrophenol	7.74	139	181441	29.89	ng		85
27) 2,4-Dimethylphenol	7.79	122	332787	30.51	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	468097	31.54	ng		100
29) 2,4-Dichlorophenol	8.00	162	347688	35.27	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	332039	29.95	ng		98
31) Naphthalene	8.16	128	989126	28.98	ng		98
32) Benzoic acid	7.92	122	223524	29.94	ng	#	85
33) 4-Chloroaniline	8.20	127	221928	15.08	ng		93
34) Hexachlorobutadiene	8.28	225	208897	30.11	ng		99
35) Caprolactam	8.57	113	109161	35.13	ng	#	75
36) 4-Chloro-3-methylphenol	8.69	107	393141	33.92	ng		87
37) 2-Methylnaphthalene	8.85	142	740378	33.53	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	351455	30.60	ng		98
40) Hexachlorocyclopentadiene	9.01	237	441619	71.58	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	251195	29.30	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	249773	29.46	ng	#	84
45) 1,1'-Biphenyl	9.31	154	849300	28.32	ng		96
46) 2-Chloronaphthalene	9.33	162	675028	28.86	ng		94
47) 2-Nitroaniline	9.42	65	232977	26.85	ng		94
48) Acenaphthylene	9.76	152	1151189	31.40	ng		98
49) Dimethylphthalate	9.62	163	870523	30.40	ng		99
50) 2,6-Dinitrotoluene	9.68	165	198881	32.55	ng	#	84
51) Acenaphthene	9.93	154	840975	36.20	ng		99
52) 3-Nitroaniline	9.84	138	115788	17.23	ng		91
53) 2,4-Dinitrophenol	9.95	184	238861	71.21	ng	#	13
54) Dibenzofuran	10.10	168	1031483	32.93	ng		94
55) 4-Nitrophenol	10.01	139	338326	65.64	ng		96
56) 2,4-Dinitrotoluene	10.08	165	242322	29.23	ng	#	98
57) Fluorene	10.44	166	851675	33.57	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	214309	30.97	ng		92
59) Diethylphthalate	10.32	149	827798	29.61	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	364542	28.72	ng	#	82
61) 4-Nitroaniline	10.45	138	188190	27.85	ng		86
62) Azobenzene	10.59	77	938811	31.26	ng		88
64) 4,6-Dinitro-2-methylphenol	10.49	198	150534	32.95	ng		94
65) n-Nitrosodiphenylamine	10.56	169	704661	30.41	ng		98
66) 4-Bromophenyl-phenylether	10.92	248	240771	31.18	ng	#	79
67) Hexachlorobenzene	10.99	284	273947	31.77	ng	#	75
68) Atrazine	11.08	200	265058	37.00	ng		96
69) Pentachlorophenol	11.18	266	350916	67.02	ng		98
70) Phenanthrene	11.40	178	1269201	34.08	ng		98
71) Anthracene	11.45	178	1107169	28.22	ng		99
72) Carbazole	11.60	167	1050334	30.58	ng		99
73) Di-n-butylphthalate	11.94	149	1259708	29.44	ng		99
74) Fluoranthene	12.58	202	1219088	30.50	ng		98
76) Benzidine	12.71	184	396363	19.95	ng		100
77) Pyrene	12.81	202	1191377	29.27	ng		98
79) Butylbenzylphthalate	13.44	149	550707	30.62	ng		99
80) Benzo(a)anthracene	14.01	228	1155023	31.16	ng		97
81) 3,3'-Dichlorobenzidine	13.96	252	254157	19.29	ng		99
82) Chrysene	14.04	228	1120135	32.99	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	775010	31.48	ng		99
84) Di-n-octyl phthalate	14.64	149	1314030	32.00	ng		97
85) Indeno(1,2,3-cd)pyrene	16.85	276	927037	31.70	ng		99
87) Benzo(b)fluoranthene	15.05	252	1213727m	35.57	ng		
88) Benzo(k)fluoranthene	15.08	252	774508m	25.59	ng		
89) Benzo(a)pyrene	15.40	252	922083	31.19	ng		99
90) Dibenzo(a,h)anthracene	16.88	278	778981	31.12	ng		97
91) Benzo(g,h,i)perylene	17.28	276	729359	30.42	ng		97

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

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