Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
Data File : BF083358.D
Acq On : 1 Dec 2015 3:14
Operator : UM/IZ
Sample : PB86903BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86903BS

Manual Integrations APPROVED
Mmdadoda
12/1/2015 6:35:08 PM

Quant Time: Dec 01 04:10:57 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	162700	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	637249	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	330676	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	637805	20.00	ng		0.00
75) Chrysene-d12	14.75	240	598016	20.00	ng		-0.01
86) Perylene-d12	16.82	264	471796	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	1177518	108.60	ng		0.01
7) Phenol-d6	6.22	99	1625421	109.52	ng		0.00
23) Nitrobenzene-d5	7.13	82	1019278	70.31	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	338484	101.97	ng		-0.01
44) 2-Fluorobiphenyl	8.92	172	1669113	71.93	ng		0.00
78) Terphenyl-d14	13.22	244	1694690	67.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	145377	24.76	ng	#	87
3) Pyridine	2.65	79	453336	30.87	ng		91
4) n-Nitrosodimethylamine	2.60	42	221394	30.63	ng		96
6) Aniline	6.21	93	401364	19.77	ng		93
8) 2-Chlorophenol	6.34	128	416890	34.86	ng		100
9) Benzaldehyde	6.09	77	226079	29.86	ng		100
10) Phenol	6.24	94	582421	32.62	ng		98
11) bis(2-Chloroethyl)ether	6.29	93	425020	32.72	ng		98
12) 1,3-Dichlorobenzene	6.49	146	443107	33.33	ng		97
13) 1,4-Dichlorobenzene	6.57	146	452032	32.90	ng		98
14) 1,2-Dichlorobenzene	6.72	146	407547m	32.33	ng		
15) Benzyl Alcohol	6.72	79	396301	34.55	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.84	45	776662	34.07	ng	#	50
17) 2-Methylphenol	6.84	107	357620	35.87	ng		99
18) Hexachloroethane	7.06	117	158660	33.25	ng		96
19) n-Nitroso-di-n-propylamine	6.98	70	332427	31.34	ng	#	90
20) 3+4-Methylphenols	7.00	107	465553	34.48	ng		99
22) Acetophenone	6.97	105	585535	30.71	ng	#	93
24) Nitrobenzene	7.14	77	478315	30.90	ng	#	88
25) Isophorone	7.38	82	883719	31.47	ng		97
26) 2-Nitrophenol	7.46	139	204723	32.40	ng		94
27) 2,4-Dimethylphenol	7.53	122	358372	33.83	ng		96
28) bis(2-Chloroethoxy)methane	7.61	93	557202	34.84	ng		98
29) 2,4-Dichlorophenol	7.71	162	358754	35.21	ng		97
30) 1,2,4-Trichlorobenzene	7.78	180	349322	31.50	ng		95
31) Naphthalene	7.86	128	1148505	33.22	ng		99
32) Benzoic acid	7.66	122	230857	31.60	ng		100
33) 4-Chloroaniline	7.93	127	217555	14.60	ng		97
34) Hexachlorobutadiene	7.98	225	206482	32.79	ng		97
35) Caprolactam	8.29	113	115736m	35.95	ng		
36) 4-Chloro-3-methylphenol	8.43	107	393317	34.42	ng		96
37) 2-Methylnaphthalene	8.54	142	725262	31.39	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	344771	32.89	ng		98
40) Hexachlorocyclopentadiene	8.70	237	329080	66.09	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	249018	33.87	ng		100
43) 2,4,5-Trichlorophenol	8.89	196	264429	34.71	ng		97
45) 1,1'-Biphenyl	9.01	154	873584	30.13	ng		96
46) 2-Chloronaphthalene	9.04	162	748234	33.86	ng		98
47) 2-Nitroaniline	9.14	65	267745	30.59	ng	#	75
48) Acenaphthylene	9.45	152	1181227	33.51	ng		99
49) Dimethylphthalate	9.33	163	892254	33.20	ng		99
50) 2,6-Dinitrotoluene	9.39	165	203025	35.38	ng	#	85
51) Acenaphthene	9.62	154	695940	33.57	ng		99
52) 3-Nitroaniline	9.56	138	119916	17.83	ng		81
53) 2,4-Dinitrophenol	9.66	184	218446	63.81	ng		98
54) Dibenzofuran	9.79	168	989536	32.57	ng		98
55) 4-Nitrophenol	9.76	139	295584	70.25	ng	#	62
56) 2,4-Dinitrotoluene	9.79	165	250482	34.40	ng		96
57) Fluorene	10.13	166	834092	34.77	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	207459	33.75	ng		95
59) Diethylphthalate	10.03	149	860981	33.61	ng		99
60) 4-Chlorophenyl-phenylether	10.13	204	389312	35.32	ng		97
61) 4-Nitroaniline	10.17	138	191066	28.39	ng		88
62) Azobenzene	10.29	77	1088988	35.19	ng		97
64) 4,6-Dinitro-2-methylphenol	10.20	198	152165	35.53	ng		85
65) n-Nitrosodiphenylamine	10.26	169	747526	33.35	ng		98
66) 4-Bromophenyl-phenylether	10.64	248	233295	33.44	ng		96
67) Hexachlorobenzene	10.69	284	255466	33.11	ng	#	74
68) Atrazine	10.82	200	222118	35.83	ng		99
69) Pentachlorophenol	10.92	266	283493	70.15	ng		99
70) Phenanthrene	11.15	178	1251732	33.16	ng		100
71) Anthracene	11.22	178	1335183	35.14	ng		99
72) Carbazole	11.41	167	1188669	34.82	ng		99
73) Di-n-butylphthalate	11.86	149	1380771	34.13	ng		99
74) Fluoranthene	12.66	202	1330532	34.01	ng		98
76) Benzidine	12.87	184	433008	24.31	ng		99
77) Pyrene	12.97	202	1359798	32.56	ng		97
79) Butylbenzylphthalate	13.96	149	591444	33.38	ng		96
80) Benzo(a)anthracene	14.74	228	1220774	33.32	ng		99
81) 3,3'-Dichlorobenzidine	14.73	252	267710	23.39	ng		99
82) Chrysene	14.80	228	1134084	32.04	ng		99
83) Bis(2-ethylhexyl)phthalate	14.88	149	816321	34.35	ng		98
84) Di-n-octyl phthalate	15.85	149	1329271	37.56	ng		100
85) Indeno(1,2,3-cd)pyrene	18.19	276	845113	32.78	ng		100
87) Benzo(b)fluoranthene	16.31	252	1084853	35.84	ng		98
88) Benzo(k)fluoranthene	16.35	252	895879	31.34	ng		97
89) Benzo(a)pyrene	16.75	252	924196	35.54	ng		98
90) Dibenzo(a,h)anthracene	18.23	278	725253	32.01	ng		97
91) Benzo(g,h,i)perylene	18.57	276	692000	31.12	ng		98

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

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