Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081115\
Data File : BF080969.D
Acq On : 11 Aug 2015 19:05
Operator : UM/IZ
Sample : PB84838BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84838BS

Manual Integrations APPROVED
apatel
8/12/2015 8:34:20 AM

Quant Time: Aug 12 15:07:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 12 14:59:04 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	54526	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	212920	20.00	ng		-0.02
38) Acenaphthene-d10	9.82	164	121596	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	218324	20.00	ng		-0.02
75) Chrysene-d12	13.93	240	180221	20.00	ng		-0.03
86) Perylene-d12	15.32	264	155312	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	428556	128.42	ng		0.01
7) Phenol-d6	6.43	99	623232	136.28	ng		-0.01
23) Nitrobenzene-d5	7.36	82	408776	90.81	ng		-0.02
41) 2,4,6-Tribromophenol	10.61	330	142128	106.39	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	626223	72.50	ng		-0.02
78) Terphenyl-d14	12.89	244	763253	87.48	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	58159	36.74	ng		93
3) Pyridine	3.13	79	149862	33.39	ng		94
4) n-Nitrosodimethylamine	3.08	42	99096	43.25	ng		95
6) Aniline	6.45	93	195341	29.07	ng		94
8) 2-Chlorophenol	6.57	128	144887	37.52	ng	#	79
9) Benzaldehyde	6.33	77	116108	37.67	ng		97
10) Phenol	6.44	94	245765	45.30	ng		77
11) bis(2-Chloroethyl)ether	6.53	93	153320	37.85	ng		89
12) 1,3-Dichlorobenzene	6.73	146	152740	37.27	ng		97
13) 1,4-Dichlorobenzene	6.81	146	150903	35.44	ng		99
14) 1,2-Dichlorobenzene	6.96	146	145464	37.79	ng		98
15) Benzyl Alcohol	6.93	79	139432	37.26	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.07	45	288768	35.43	ng		99
17) 2-Methylphenol	7.05	107	125656	38.12	ng	#	92
18) Hexachloroethane	7.30	117	57494	35.24	ng		96
19) n-Nitroso-di-n-propylamine	7.21	70	113207	33.87	ng		97
20) 3+4-Methylphenols	7.21	107	165824	40.05	ng	#	81
22) Acetophenone	7.20	105	213144	40.85	ng	#	99
24) Nitrobenzene	7.37	77	171788	37.07	ng		98
25) Isophorone	7.62	82	332602	38.42	ng		98
26) 2-Nitrophenol	7.69	139	75496	38.71	ng		95
27) 2,4-Dimethylphenol	7.73	122	149268	40.88	ng		94
28) bis(2-Chloroethoxy)methane	7.82	93	185469	35.69	ng		98
29) 2,4-Dichlorophenol	7.93	162	116436	38.81	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	125413	38.24	ng		99
31) Naphthalene	8.10	128	422094	35.97	ng		100
32) Benzoic acid	7.86	122	88245	40.37	ng		88
33) 4-Chloroaniline	8.14	127	105906	22.20	ng		97
34) Hexachlorobutadiene	8.21	225	71940	36.87	ng		97
35) Caprolactam	8.52	113	50684m	46.96	ng		
36) 4-Chloro-3-methylphenol	8.64	107	171303	46.79	ng		96
37) 2-Methylnaphthalene	8.78	142	311888	41.75	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	126102	33.64	ng		99
40) Hexachlorocyclopentadiene	8.94	237	168042	82.15	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	80090	29.15	ng		95
43) 2,4,5-Trichlorophenol	9.10	196	101075	36.51	ng	#	86
45) 1,1'-Biphenyl	9.25	154	379980	36.41	ng		100
46) 2-Chloronaphthalene	9.28	162	271787	33.40	ng		99
47) 2-Nitroaniline	9.37	65	107114	32.83	ng		92
48) Acenaphthylene	9.69	152	481345	34.03	ng		100
49) Dimethylphthalate	9.56	163	358955	35.54	ng		98
50) 2,6-Dinitrotoluene	9.62	165	76473	36.65	ng	#	50
51) Acenaphthene	9.86	154	350988	40.52	ng		99
52) 3-Nitroaniline	9.78	138	61932	24.07	ng		100
53) 2,4-Dinitrophenol	9.88	184	65520	53.86	ng	#	74
54) Dibenzofuran	10.03	168	456066	38.93	ng		98
55) 4-Nitrophenol	9.95	139	151070	78.45	ng	#	66
56) 2,4-Dinitrotoluene	10.02	165	119604	42.83	ng	#	70
57) Fluorene	10.37	166	363874	40.16	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	80659m	36.81	ng		
59) Diethylphthalate	10.26	149	397735	37.83	ng		96
60) 4-Chlorophenyl-phenylether	10.36	204	146713	33.23	ng		99
61) 4-Nitroaniline	10.40	138	86607	32.72	ng		97
62) Azobenzene	10.52	77	414609	35.27	ng		99
64) 4,6-Dinitro-2-methylphenol	10.42	198	47672	35.23	ng	#	61
65) n-Nitrosodiphenylamine	10.49	169	309007	40.74	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	93698	40.52	ng		98
67) Hexachlorobenzene	10.92	284	99731	38.79	ng		98
68) Atrazine	11.01	200	82077	36.91	ng		96
69) Pentachlorophenol	11.12	266	111279	74.44	ng		96
70) Phenanthrene	11.32	178	463411	37.48	ng		99
71) Anthracene	11.38	178	491492	40.16	ng		100
72) Carbazole	11.53	167	423949	35.58	ng	#	97
73) Di-n-butylphthalate	11.87	149	596353	40.02	ng		99
74) Fluoranthene	12.51	202	612379	45.82	ng		97
76) Benzidine	12.64	184	403148	56.76	ng		98
77) Pyrene	12.74	202	608428	45.70	ng		100
79) Butylbenzylphthalate	13.36	149	245284	38.22	ng	#	65
80) Benzo(a)anthracene	13.92	228	442505	38.87	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	84345	20.37	ng	#	97
82) Chrysene	13.95	228	425515	39.04	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	318366	35.65	ng	#	94
84) Di-n-octyl phthalate	14.53	149	583993	38.57	ng		99
85) Indeno(1,2,3-cd)pyrene	16.67	276	408223	39.35	ng		98
87) Benzo(b)fluoranthene	14.93	252	464418m	43.00	ng		
88) Benzo(k)fluoranthene	14.96	252	341646m	36.16	ng		
89) Benzo(a)pyrene	15.27	252	369194	39.77	ng	#	95
90) Dibenzo(a,h)anthracene	16.68	278	337884	41.16	ng		100
91) Benzo(g,h,i)perylene	17.07	276	352378	44.13	ng		98

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

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