Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
Data File : BF082961.D
Acq On : 17 Nov 2015 2:17
Operator : UM/IZ
Sample : PB86680BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86680BS

Manual Integrations APPROVED
mmdadoda
11/17/2015 5:56:13 PM

Quant Time: Nov 17 08:01:09 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 04:41:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	211715	20.00	ng		-0.07
21) Naphthalene-d8	8.08	136	821252	20.00	ng		-0.07
38) Acenaphthene-d10	9.82	164	424520	20.00	ng		-0.07
63) Phenanthrene-d10	11.31	188	835477	20.00	ng		-0.07
75) Chrysene-d12	13.94	240	618335	20.00	ng		-0.08
86) Perylene-d12	15.35	264	578425	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	839543	61.70	ng		-0.05
7) Phenol-d6	6.43	99	1058643	58.52	ng		-0.06
23) Nitrobenzene-d5	7.34	82	1030591	54.60	ng		-0.07
41) 2,4,6-Tribromophenol	10.61	330	245214	50.38	ng		-0.07
44) 2-Fluorobiphenyl	9.15	172	1586118	53.55	ng		-0.07
78) Terphenyl-d14	12.89	244	1722421	66.07	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	149375	25.44	ng		97
3) Pyridine	3.10	79	459203	26.95	ng		92
4) n-Nitrosodimethylamine	3.05	42	221413	26.20	ng	#	74
6) Aniline	6.44	93	317963	12.52	ng	#	27
8) 2-Chlorophenol	6.57	128	416438	27.61	ng	#	80
9) Benzaldehyde	6.32	77	23492	2.35	ng		91
10) Phenol	6.45	94	549082	26.75	ng		77
11) bis(2-Chloroethyl)ether	6.52	93	466710	30.41	ng		87
12) 1,3-Dichlorobenzene	6.73	146	445977	26.21	ng	#	80
13) 1,4-Dichlorobenzene	6.80	146	452218	25.55	ng		96
14) 1,2-Dichlorobenzene	6.96	146	458801	28.50	ng		98
15) Benzyl Alcohol	6.93	79	396330	24.95	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	664008	29.49	ng		93
17) 2-Methylphenol	7.06	107	383180	29.99	ng		98
18) Hexachloroethane	7.30	117	170741	26.97	ng		92
19) n-Nitroso-di-n-propylamine	7.21	70	370905	27.89	ng	#	84
20) 3+4-Methylphenols	7.21	107	486706	29.30	ng	#	66
22) Acetophenone	7.20	105	634807	26.98	ng	#	98
24) Nitrobenzene	7.37	77	533615	27.65	ng		93
25) Isophorone	7.61	82	916604	26.25	ng		98
26) 2-Nitrophenol	7.69	139	230005	28.55	ng	#	72
27) 2,4-Dimethylphenol	7.74	122	420811	29.07	ng		88
28) bis(2-Chloroethoxy)methane	7.82	93	548687	27.85	ng		98
29) 2,4-Dichlorophenol	7.94	162	394475	30.15	ng		95
30) 1,2,4-Trichlorobenzene	8.02	180	399610	27.16	ng	#	93
31) Naphthalene	8.09	128	1184345	26.14	ng		98
32) Benzoic acid	7.87	122	246456	24.87	ng	#	85
33) 4-Chloroaniline	8.14	127	200358	10.26	ng	#	87
34) Hexachlorobutadiene	8.21	225	237900	25.84	ng		100
35) Caprolactam	8.51	113	119284m	28.92	ng		
36) 4-Chloro-3-methylphenol	8.65	107	456090	29.64	ng	#	85
37) 2-Methylnaphthalene	8.78	142	805051	27.47	ng		95
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	401923	28.81	ng		99
40) Hexachlorocyclopentadiene	8.94	237	425226	56.74	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	278362	26.73	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	274985	26.70	ng		93
45) 1,1'-Biphenyl	9.25	154	1090675	29.94	ng		97
46) 2-Chloronaphthalene	9.28	162	833549	29.34	ng		97
47) 2-Nitroaniline	9.37	65	262618	24.91	ng	#	86
48) Acenaphthylene	9.69	152	1264755	28.40	ng		98
49) Dimethylphthalate	9.56	163	1009648	29.03	ng		97
50) 2,6-Dinitrotoluene	9.62	165	216758	29.21	ng	#	58
51) Acenaphthene	9.86	154	865122	30.65	ng		98
52) 3-Nitroaniline	9.78	138	113275	13.88	ng	#	75
53) 2,4-Dinitrophenol	9.89	184	206896	50.78	ng	#	1
54) Dibenzofuran	10.03	168	1050083	27.60	ng		94
55) 4-Nitrophenol	9.96	139	279129	44.58	ng	#	82
56) 2,4-Dinitrotoluene	10.02	165	317687	31.55	ng	#	81
57) Fluorene	10.37	166	862237	27.98	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	254601	30.29	ng	#	87
59) Diethylphthalate	10.26	149	1031341	30.37	ng		99
60) 4-Chlorophenyl-phenylether	10.37	204	423968	27.50	ng		91
61) 4-Nitroaniline	10.40	138	217943	26.55	ng	#	74
62) Azobenzene	10.52	77	1089055	29.85	ng		89
64) 4,6-Dinitro-2-methylphenol	10.42	198	141031	23.69	ng	#	44
65) n-Nitrosodiphenylamine	10.49	169	801180	26.54	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	258465	25.69	ng	#	76
67) Hexachlorobenzene	10.92	284	290539	25.87	ng	#	76
68) Atrazine	11.02	200	286914	30.74	ng		91
69) Pentachlorophenol	11.12	266	290145	42.54	ng		98
70) Phenanthrene	11.33	178	1422747	29.32	ng		98
71) Anthracene	11.38	178	1250499	24.47	ng		99
72) Carbazole	11.54	167	1210657	27.06	ng		98
73) Di-n-butylphthalate	11.88	149	1585620	28.45	ng	#	97
74) Fluoranthene	12.51	202	1311383	25.19	ng		97
76) Benzidine	12.64	184	444004	21.43	ng		98
77) Pyrene	12.74	202	1317454	31.03	ng		98
79) Butylbenzylphthalate	13.37	149	613285	32.69	ng		96
80) Benzo(a)anthracene	13.93	228	1189955	30.77	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	251920	18.33	ng		99
82) Chrysene	13.96	228	1101256	31.10	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	899359	35.03	ng	#	98
84) Di-n-octyl phthalate	14.55	149	1469244	34.30	ng		99
85) Indeno(1,2,3-cd)pyrene	16.69	276	919518	30.15	ng		96
87) Benzo(b)fluoranthene	14.95	252	1275631m	34.36	ng		
88) Benzo(k)fluoranthene	14.98	252	750836m	22.80	ng		
89) Benzo(a)pyrene	15.29	252	925475	28.77	ng		98
90) Dibenzo(a,h)anthracene	16.72	278	774553	28.44	ng		99
91) Benzo(g,h,i)perylene	17.11	276	743211	28.49	ng		97

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

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