Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081115\
Data File : BF080970.D
Acq On : 11 Aug 2015 19:37
Operator : UM/IZ
Sample : PB84838BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84838BSD

Manual Integrations APPROVED
apatel
8/12/2015 8:34:27 AM

Quant Time: Aug 12 15:09:21 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	58796	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	226801	20.00	ng		-0.02
38) Acenaphthene-d10	9.82	164	120711	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	226425	20.00	ng		-0.02
75) Chrysene-d12	13.93	240	192884	20.00	ng		-0.03
86) Perylene-d12	15.32	264	157297	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	443714	123.30	ng		0.01
7) Phenol-d6	6.43	99	570093	115.61	ng		-0.01
23) Nitrobenzene-d5	7.36	82	427617	89.18	ng		-0.02
41) 2,4,6-Tribromophenol	10.61	330	141399	106.62	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	671537	78.32	ng		-0.02
78) Terphenyl-d14	12.89	244	700485	75.01	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	50180	29.40	ng		92
3) Pyridine	3.13	79	142080	29.35	ng		91
4) n-Nitrosodimethylamine	3.08	42	94576	38.28	ng		88
6) Aniline	6.45	93	205713	28.39	ng		94
8) 2-Chlorophenol	6.57	128	147944	35.53	ng	#	81
9) Benzaldehyde	6.33	77	111974	33.69	ng		97
10) Phenol	6.44	94	253241	43.28	ng		77
11) bis(2-Chloroethyl)ether	6.52	93	154592	35.39	ng		92
12) 1,3-Dichlorobenzene	6.73	146	162227	36.71	ng		96
13) 1,4-Dichlorobenzene	6.81	146	161008	35.06	ng		97
14) 1,2-Dichlorobenzene	6.96	146	141416	34.07	ng		99
15) Benzyl Alcohol	6.93	79	144463	35.80	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.07	45	306023	34.82	ng		99
17) 2-Methylphenol	7.05	107	133177	37.47	ng	#	92
18) Hexachloroethane	7.30	117	66740	37.93	ng		96
19) n-Nitroso-di-n-propylamine	7.21	70	126210	35.02	ng		96
20) 3+4-Methylphenols	7.21	107	184655	41.36	ng	#	83
22) Acetophenone	7.20	105	246165	44.30	ng	#	97
24) Nitrobenzene	7.37	77	178154	36.09	ng		100
25) Isophorone	7.62	82	308175	33.42	ng		97
26) 2-Nitrophenol	7.69	139	72133	34.72	ng		93
27) 2,4-Dimethylphenol	7.73	122	164200	42.22	ng		94
28) bis(2-Chloroethoxy)methane	7.82	93	195819	35.37	ng		99
29) 2,4-Dichlorophenol	7.93	162	119730	37.47	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	127726	36.57	ng		98
31) Naphthalene	8.10	128	439171	35.13	ng		99
32) Benzoic acid	7.86	122	101819	43.73	ng		90
33) 4-Chloroaniline	8.14	127	111892	22.02	ng		95
34) Hexachlorobutadiene	8.21	225	76100	36.61	ng		97
35) Caprolactam	8.52	113	48055m	41.80	ng		
36) 4-Chloro-3-methylphenol	8.64	107	171732	44.04	ng		94
37) 2-Methylnaphthalene	8.78	142	311074	39.09	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	131568	35.35	ng		99
40) Hexachlorocyclopentadiene	8.94	237	171391	84.40	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	86997	31.90	ng		95
43) 2,4,5-Trichlorophenol	9.10	196	114323	41.60	ng	#	87
45) 1,1'-Biphenyl	9.25	154	443008	42.76	ng		99
46) 2-Chloronaphthalene	9.28	162	325634	40.32	ng		99
47) 2-Nitroaniline	9.37	65	119542	36.91	ng		95
48) Acenaphthylene	9.69	152	515135	36.69	ng		99
49) Dimethylphthalate	9.56	163	381855	38.08	ng	#	98
50) 2,6-Dinitrotoluene	9.62	165	83533	40.32	ng	#	48
51) Acenaphthene	9.86	154	350423	40.75	ng		100
52) 3-Nitroaniline	9.78	138	60164	23.56	ng		99
53) 2,4-Dinitrophenol	9.88	184	74269	60.62	ng	#	64
54) Dibenzofuran	10.03	168	446859	38.43	ng		99
55) 4-Nitrophenol	9.95	139	147309	77.06	ng	#	69
56) 2,4-Dinitrotoluene	10.02	165	119222	43.01	ng	#	77
57) Fluorene	10.37	166	357896	39.79	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	81049m	37.26	ng		
59) Diethylphthalate	10.26	149	398782	38.21	ng		96
60) 4-Chlorophenyl-phenylether	10.36	204	146537	33.43	ng		98
61) 4-Nitroaniline	10.40	138	84362	32.10	ng		97
62) Azobenzene	10.52	77	412753	35.37	ng		99
64) 4,6-Dinitro-2-methylphenol	10.42	198	48872	34.83	ng	#	64
65) n-Nitrosodiphenylamine	10.49	169	311311	39.57	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	93634	39.04	ng		98
67) Hexachlorobenzene	10.91	284	99440	37.30	ng	#	56
68) Atrazine	11.01	200	83155	36.05	ng		98
69) Pentachlorophenol	11.12	266	113351	73.11	ng		96
70) Phenanthrene	11.32	178	473576	36.94	ng		98
71) Anthracene	11.38	178	488424	38.48	ng		100
72) Carbazole	11.54	167	494484	40.01	ng		99
73) Di-n-butylphthalate	11.87	149	577226	37.35	ng		99
74) Fluoranthene	12.51	202	585393	42.24	ng		97
76) Benzidine	12.64	184	383401	50.44	ng		97
77) Pyrene	12.74	202	573729	40.26	ng		99
79) Butylbenzylphthalate	13.36	149	257391	37.47	ng	#	64
80) Benzo(a)anthracene	13.92	228	471485	38.70	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	91553	20.66	ng	#	97
82) Chrysene	13.95	228	434366	37.23	ng		98
83) Bis(2-ethylhexyl)phthalate	13.92	149	333397	34.88	ng	#	95
84) Di-n-octyl phthalate	14.53	149	573758	35.41	ng		100
85) Indeno(1,2,3-cd)pyrene	16.66	276	411320	37.05	ng		99
87) Benzo(b)fluoranthene	14.93	252	464515m	42.47	ng		
88) Benzo(k)fluoranthene	14.96	252	345083m	36.06	ng		
89) Benzo(a)pyrene	15.27	252	379062	40.32	ng	#	96
90) Dibenzo(a,h)anthracene	16.68	278	342645	41.21	ng		99
91) Benzo(g,h,i)perylene	17.07	276	314929	38.94	ng		97

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

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