Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
Data File : BF080854.D
Acq On : 4 Aug 2015 23:25
Operator : TP/UM
Sample : PB84838BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84838BS

Manual Integrations APPROVED
MMDadoda
8/5/2015 7:01:01 PM

Quant Time: Aug 05 07:41:48 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 05 01:46:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	108412	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	420187	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	184426	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	289648	20.00	ng		0.00
75) Chrysene-d12	13.96	240	157868	20.00	ng		0.00
86) Perylene-d12	15.37	264	125140	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	471817	65.87	ng		0.01
7) Phenol-d6	6.46	99	720921	76.99	ng		0.01
23) Nitrobenzene-d5	7.39	82	443605	49.75	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	127142	71.49	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	656464	47.93	ng		0.00
78) Terphenyl-d14	12.92	244	496006	56.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	72938	20.77	ng		99
3) Pyridine	3.25	79	220671	22.80	ng		99
4) n-Nitrosodimethylamine	3.21	42	115547	23.27	ng		95
6) Aniline	6.49	93	204345	15.00	ng		97
8) 2-Chlorophenol	6.61	128	196330	24.47	ng		97
9) Benzaldehyde	6.37	77	36672	5.61	ng		90
10) Phenol	6.48	94	266384	23.91	ng		95
11) bis(2-Chloroethyl)ether	6.57	93	217883	26.19	ng		99
12) 1,3-Dichlorobenzene	6.76	146	190499	22.15	ng		100
13) 1,4-Dichlorobenzene	6.84	146	199380	23.10	ng		99
14) 1,2-Dichlorobenzene	7.00	146	177631	21.81	ng		98
15) Benzyl Alcohol	6.97	79	153200	25.05	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	400611	24.88	ng		99
17) 2-Methylphenol	7.08	107	170805	24.30	ng		98
18) Hexachloroethane	7.33	117	77594	23.66	ng	#	78
19) n-Nitroso-di-n-propylamine	7.24	70	140207	23.18	ng		99
20) 3+4-Methylphenols	7.23	107	192999	23.68	ng	#	90
22) Acetophenone	7.24	105	270178	26.33	ng		97
24) Nitrobenzene	7.41	77	218000	23.57	ng		94
25) Isophorone	7.65	82	397256	25.14	ng		99
26) 2-Nitrophenol	7.72	139	91698m	24.17	ng		
27) 2,4-Dimethylphenol	7.77	122	187606m	26.56	ng		
28) bis(2-Chloroethoxy)methane	7.86	93	229676	23.64	ng		99
29) 2,4-Dichlorophenol	7.96	162	143143	24.55	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	163659	24.67	ng		100
31) Naphthalene	8.13	128	572848	25.03	ng		100
32) Benzoic acid	7.88	122	127756m	27.86	ng		
33) 4-Chloroaniline	8.18	127	72178	8.06	ng	#	93
34) Hexachlorobutadiene	8.25	225	91163	24.10	ng		97
35) Caprolactam	8.54	113	45987m	27.62	ng		
36) 4-Chloro-3-methylphenol	8.66	107	163387	25.54	ng		96
37) 2-Methylnaphthalene	8.82	142	347229	25.32	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	139292	22.13	ng		97
40) Hexachlorocyclopentadiene	8.98	237	197615	52.29	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	93878	22.01	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	104941	24.53	ng	#	85
45) 1,1'-Biphenyl	9.29	154	424832	24.99	ng		99
46) 2-Chloronaphthalene	9.31	162	309937	23.44	ng		99
47) 2-Nitroaniline	9.40	65	123444	25.65	ng		99
48) Acenaphthylene	9.72	152	535955	24.63	ng		100
49) Dimethylphthalate	9.58	163	315714	23.47	ng		99
50) 2,6-Dinitrotoluene	9.64	165	66058	23.48	ng		93
51) Acenaphthene	9.89	154	351723	26.89	ng		99
52) 3-Nitroaniline	9.81	138	45701	13.15	ng		94
53) 2,4-Dinitrophenol	9.92	184	85835	50.02	ng	#	61
54) Dibenzofuran	10.06	168	441958	25.34	ng		97
55) 4-Nitrophenol	9.97	139	130177	53.25	ng		91
56) 2,4-Dinitrotoluene	10.04	165	82938	23.35	ng	#	85
57) Fluorene	10.41	166	331980	24.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	79323	25.83	ng		99
59) Diethylphthalate	10.28	149	322593	24.23	ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	135897	23.93	ng		99
61) 4-Nitroaniline	10.42	138	66224	21.36	ng		95
62) Azobenzene	10.56	77	390050	25.04	ng		99
64) 4,6-Dinitro-2-methylphenol	10.45	198	50767	27.25	ng		84
65) n-Nitrosodiphenylamine	10.52	169	289491	26.09	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	86477	26.98	ng		97
67) Hexachlorobenzene	10.94	284	91393	26.10	ng		98
68) Atrazine	11.05	200	85046	29.44	ng		97
69) Pentachlorophenol	11.14	266	95854	50.24	ng		99
70) Phenanthrene	11.37	178	420077	25.10	ng		99
71) Anthracene	11.41	178	433840	26.68	ng		99
72) Carbazole	11.56	167	364516	23.76	ng		99
73) Di-n-butylphthalate	11.90	149	490508	27.01	ng		100
74) Fluoranthene	12.54	202	408038	25.03	ng		98
76) Benzidine	12.67	184	126455	16.55	ng		100
77) Pyrene	12.77	202	440401	31.10	ng		100
79) Butylbenzylphthalate	13.40	149	171818	29.66	ng	#	63
80) Benzo(a)anthracene	13.95	228	287613	27.24	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	53099	13.53	ng		98
82) Chrysene	14.00	228	279184	25.94	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	223151	28.85	ng		100
84) Di-n-octyl phthalate	14.57	149	381405	29.34	ng		99
85) Indeno(1,2,3-cd)pyrene	16.73	276	215234	24.36	ng		100
87) Benzo(b)fluoranthene	14.97	252	308415m	32.95	ng		
88) Benzo(k)fluoranthene	15.00	252	181147m	25.14	ng		
89) Benzo(a)pyrene	15.31	252	224991	29.45	ng		99
90) Dibenzo(a,h)anthracene	16.75	278	179391	27.03	ng		97
91) Benzo(g,h,i)perylene	17.14	276	176890	27.57	ng		99

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

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