Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
Data File : BF080851.D
Acq On : 4 Aug 2015 21:52
Operator : TP/UM
Sample : PB84692BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84692BS

Manual Integrations APPROVED
MMDadoda
8/5/2015 7:00:55 PM

Quant Time: Aug 05 07:32:13 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	71494	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	288431	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	126283	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	204258	20.00	ng		0.00
75) Chrysene-d12	13.96	240	127004	20.00	ng		0.00
86) Perylene-d12	15.37	264	103479	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	429359	90.89	ng		0.01
7) Phenol-d6	6.45	99	640789	103.77	ng		0.00
23) Nitrobenzene-d5	7.39	82	425372	69.50	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	126616	103.97	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	625335	66.68	ng		0.00
78) Terphenyl-d14	12.92	244	506721	72.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	67162	29.00	ng		96
3) Pyridine	3.26	79	204630	32.06	ng		98
4) n-Nitrosodimethylamine	3.22	42	102351	31.26	ng		100
6) Aniline	6.49	93	193130	21.49	ng		96
8) 2-Chlorophenol	6.61	128	169930	32.11	ng		99
9) Benzaldehyde	6.37	77	30337	7.04	ng		87
10) Phenol	6.48	94	200978	27.35	ng		96
11) bis(2-Chloroethyl)ether	6.57	93	186549	34.00	ng		99
12) 1,3-Dichlorobenzene	6.76	146	169054	29.81	ng		99
13) 1,4-Dichlorobenzene	6.84	146	178378	31.34	ng		99
14) 1,2-Dichlorobenzene	6.99	146	157949m	29.41	ng		
15) Benzyl Alcohol	6.97	79	118169	29.30	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	349410	32.90	ng		100
17) 2-Methylphenol	7.08	107	157779	34.04	ng		99
18) Hexachloroethane	7.33	117	67919	31.40	ng	#	80
19) n-Nitroso-di-n-propylamine	7.24	70	135202	33.89	ng		96
20) 3+4-Methylphenols	7.23	107	171411	31.89	ng	#	89
22) Acetophenone	7.23	105	234972	33.36	ng	#	81
24) Nitrobenzene	7.40	77	179936	28.35	ng	#	87
25) Isophorone	7.64	82	352089	32.47	ng		95
26) 2-Nitrophenol	7.72	139	84735	32.54	ng		95
27) 2,4-Dimethylphenol	7.77	122	179707	37.07	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	212263	31.83	ng		99
29) 2,4-Dichlorophenol	7.96	162	130754	32.67	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	142904	31.38	ng		99
31) Naphthalene	8.13	128	513095	32.66	ng		99
32) Benzoic acid	7.87	122	98662m	31.01	ng		
33) 4-Chloroaniline	8.18	127	113779	18.52	ng		95
34) Hexachlorobutadiene	8.25	225	78481	30.23	ng		97
35) Caprolactam	8.53	113	41536m	36.34	ng		
36) 4-Chloro-3-methylphenol	8.66	107	147150	33.51	ng		95
37) 2-Methylnaphthalene	8.82	142	319068	33.89	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	124097	28.80	ng		97
40) Hexachlorocyclopentadiene	8.98	237	177380	68.54	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	83052	28.43	ng		99
43) 2,4,5-Trichlorophenol	9.14	196	98394	33.59	ng	#	87
45) 1,1'-Biphenyl	9.29	154	386980	33.24	ng		100
46) 2-Chloronaphthalene	9.31	162	277448	30.64	ng		98
47) 2-Nitroaniline	9.40	65	116122	35.23	ng		99
48) Acenaphthylene	9.72	152	482753	32.40	ng		100
49) Dimethylphthalate	9.58	163	299317	32.50	ng		99
50) 2,6-Dinitrotoluene	9.64	165	62228	32.31	ng		98
51) Acenaphthene	9.89	154	330829	36.94	ng		99
52) 3-Nitroaniline	9.81	138	47910	20.14	ng		92
53) 2,4-Dinitrophenol	9.92	184	81151	63.34	ng	#	63
54) Dibenzofuran	10.06	168	421885	35.32	ng		98
55) 4-Nitrophenol	9.97	139	116489	69.60	ng	#	79
56) 2,4-Dinitrotoluene	10.04	165	77814	32.00	ng		88
57) Fluorene	10.41	166	303489	33.27	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	75566	35.94	ng		99
59) Diethylphthalate	10.28	149	302387	33.16	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	127617	33.71	ng		100
61) 4-Nitroaniline	10.42	138	66173	31.16	ng		97
62) Azobenzene	10.56	77	367068	34.42	ng		99
64) 4,6-Dinitro-2-methylphenol	10.45	198	45521	34.64	ng		90
65) n-Nitrosodiphenylamine	10.52	169	255510	32.65	ng		97
66) 4-Bromophenyl-phenylether	10.89	248	82452	36.47	ng		99
67) Hexachlorobenzene	10.94	284	81143	32.86	ng		98
68) Atrazine	11.05	200	75594	37.11	ng		98
69) Pentachlorophenol	11.14	266	92463	68.72	ng		97
70) Phenanthrene	11.36	178	373032	31.61	ng		99
71) Anthracene	11.41	178	417548	36.41	ng		100
72) Carbazole	11.56	167	337407	31.19	ng		99
73) Di-n-butylphthalate	11.90	149	467619	36.51	ng		99
74) Fluoranthene	12.55	202	403190	35.08	ng		99
76) Benzidine	12.67	184	138297	22.50	ng		99
77) Pyrene	12.77	202	413096	36.26	ng		99
79) Butylbenzylphthalate	13.39	149	164288	35.26	ng		99
80) Benzo(a)anthracene	13.95	228	275847	32.47	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	64653	20.48	ng		97
82) Chrysene	13.99	228	258587	29.87	ng		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	217729	34.99	ng		99
84) Di-n-octyl phthalate	14.57	149	364058	34.81	ng		100
85) Indeno(1,2,3-cd)pyrene	16.73	276	199527	28.07	ng		100
87) Benzo(b)fluoranthene	14.97	252	225310m	29.11	ng		
88) Benzo(k)fluoranthene	15.00	252	241608m	40.55	ng		
89) Benzo(a)pyrene	15.31	252	211414	33.46	ng		99
90) Dibenzo(a,h)anthracene	16.75	278	169247	30.84	ng		98
91) Benzo(g,h,i)perylene	17.14	276	165460	31.19	ng		97

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

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