Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073015\
Data File : BF080720.D
Acq On : 31 Jul 2015 5:34
Operator : TP/UM
Sample : PB84701BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84701BS

Manual Integrations APPROVED
MMDadoda
7/31/2015 11:23:06 AM

Quant Time: Jul 31 06:53:53 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:45:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	162762	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	624838	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	329016	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	620868	20.00	ng		0.00
75) Chrysene-d12	14.00	240	380564	20.00	ng		0.00
86) Perylene-d12	15.41	264	314550	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1188728	125.29	ng		0.02
7) Phenol-d6	6.49	99	1482761	114.79	ng		0.00
23) Nitrobenzene-d5	7.41	82	1026606	79.56	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	464374	136.02	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1768497	80.19	ng		0.00
78) Terphenyl-d14	12.96	244	1684167	83.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	148259	31.69	ng		99
3) Pyridine	3.30	79	403176	31.06	ng		99
4) n-Nitrosodimethylamine	3.24	42	276763	37.30	ng		100
6) Aniline	6.52	93	382807	20.59	ng		99
8) 2-Chlorophenol	6.64	128	384678	36.17	ng		99
9) Benzaldehyde	6.40	77	71052	7.22	ng		87
10) Phenol	6.50	94	618866	41.40	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	392603	36.77	ng		98
12) 1,3-Dichlorobenzene	6.80	146	454408	38.38	ng		97
13) 1,4-Dichlorobenzene	6.88	146	439198	36.36	ng		96
14) 1,2-Dichlorobenzene	7.02	146	425856	38.57	ng		96
15) Benzyl Alcohol	7.02	79	189077	17.63	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	914867	40.10	ng		95
17) 2-Methylphenol	7.10	107	346855	39.73	ng		97
18) Hexachloroethane	7.37	117	168586	37.40	ng		93
19) n-Nitroso-di-n-propylamine	7.28	70	341875	39.30	ng	#	91
20) 3+4-Methylphenols	7.26	107	448897	41.68	ng		92
22) Acetophenone	7.26	105	550272	36.48	ng	#	93
24) Nitrobenzene	7.44	77	529334	40.95	ng		94
25) Isophorone	7.68	82	873269	38.06	ng		98
26) 2-Nitrophenol	7.76	139	218717m	41.68	ng		
27) 2,4-Dimethylphenol	7.79	122	400877m	40.67	ng		
28) bis(2-Chloroethoxy)methane	7.89	93	569147	41.87	ng		99
29) 2,4-Dichlorophenol	8.00	162	353925	40.39	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	349201	36.55	ng		98
31) Naphthalene	8.16	128	1105104	35.43	ng		99
32) Benzoic acid	7.90	122	282170m	40.87	ng		
33) 4-Chloroaniline	8.20	127	180925	13.75	ng	#	88
34) Hexachlorobutadiene	8.28	225	236672	38.36	ng		99
35) Caprolactam	8.57	113	111647m	42.55	ng		
36) 4-Chloro-3-methylphenol	8.69	107	404849	42.85	ng		97
37) 2-Methylnaphthalene	8.85	142	792489	40.48	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	317412	30.72	ng		98
40) Hexachlorocyclopentadiene	9.01	237	463678	72.94	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	280736	39.06	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	266570	37.39	ng		93
45) 1,1'-Biphenyl	9.31	154	860960	34.13	ng		95
46) 2-Chloronaphthalene	9.33	162	701570	34.05	ng	#	91
47) 2-Nitroaniline	9.44	65	312871	39.02	ng		99
48) Acenaphthylene	9.76	152	1254489	38.29	ng		99
49) Dimethylphthalate	9.62	163	926687	39.97	ng		100
50) 2,6-Dinitrotoluene	9.68	165	201633	40.98	ng		99
51) Acenaphthene	9.93	154	899455	45.00	ng		98
52) 3-Nitroaniline	9.84	138	113977	20.07	ng	#	45
53) 2,4-Dinitrophenol	9.95	184	264167	100.80	ng	#	57
54) Dibenzofuran	10.10	168	1065354	39.85	ng		99
55) 4-Nitrophenol	10.00	139	287195	68.65	ng	#	53
56) 2,4-Dinitrotoluene	10.08	165	256488	39.75	ng		93
57) Fluorene	10.44	166	826276	39.82	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	240401	44.71	ng		98
59) Diethylphthalate	10.32	149	881123	39.43	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	366675	40.70	ng		98
61) 4-Nitroaniline	10.45	138	170414	33.24	ng		96
62) Azobenzene	10.59	77	1039933	42.95	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	145659	38.96	ng	#	33
65) n-Nitrosodiphenylamine	10.56	169	752466	36.97	ng		97
66) 4-Bromophenyl-phenylether	10.92	248	266247	41.54	ng		98
67) Hexachlorobenzene	10.98	284	268911	36.29	ng		99
68) Atrazine	11.07	200	96851	15.74	ng		99
69) Pentachlorophenol	11.17	266	337829	75.34	ng		98
70) Phenanthrene	11.39	178	1165372	37.26	ng		100
71) Anthracene	11.45	178	1219750	39.69	ng		100
72) Carbazole	11.60	167	955765	35.83	ng		100
73) Di-n-butylphthalate	11.94	149	1434391	43.36	ng		100
74) Fluoranthene	12.58	202	1245176	41.17	ng		100
76) Benzidine	12.71	184	214529	15.48	ng		100
77) Pyrene	12.81	202	1284617	43.52	ng		99
79) Butylbenzylphthalate	13.43	149	487020	39.97	ng		98
80) Benzo(a)anthracene	13.99	228	867010	37.88	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	222906	28.53	ng		98
82) Chrysene	14.03	228	860855	38.75	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	650590	44.28	ng		100
84) Di-n-octyl phthalate	14.60	149	1044132	42.38	ng		98
85) Indeno(1,2,3-cd)pyrene	16.80	276	643544	32.88	ng	#	86
87) Benzo(b)fluoranthene	15.01	252	735773	39.16	ng		98
88) Benzo(k)fluoranthene	15.04	252	588984m	38.09	ng		
89) Benzo(a)pyrene	15.36	252	611539	39.65	ng		98
90) Dibenzo(a,h)anthracene	16.81	278	552308	40.00	ng	#	97
91) Benzo(g,h,i)perylene	17.21	276	559360	41.17	ng		97

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

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