Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
Data File : BF080745.D
Acq On : 31 Jul 2015 20:54
Operator : TP/UM
Sample : PB84784BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84784BS

Manual Integrations APPROVED
MMDadoda
8/3/2015 11:56:03 AM

Quant Time: Aug 03 14:10:42 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 03 14:00:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	142076	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	505086	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	259337	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	479616	20.00	ng		0.00
75) Chrysene-d12	14.00	240	313958	20.00	ng		0.00
86) Perylene-d12	15.41	264	267304	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1079184	130.30	ng		0.02
7) Phenol-d6	6.49	99	1403821	124.51	ng		0.00
23) Nitrobenzene-d5	7.41	82	969605	92.96	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	383944	142.68	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1650533	94.95	ng		0.00
78) Terphenyl-d14	12.96	244	1526690	91.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	157126	38.47	ng		99
3) Pyridine	3.31	79	453195	39.99	ng		99
4) n-Nitrosodimethylamine	3.26	42	268762	41.49	ng		100
6) Aniline	6.52	93	356750	21.98	ng		99
8) 2-Chlorophenol	6.64	128	371398	40.01	ng		100
9) Benzaldehyde	6.40	77	90200	10.94	ng		90
10) Phenol	6.50	94	591127	45.30	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	361287	38.76	ng		100
12) 1,3-Dichlorobenzene	6.80	146	439036	42.48	ng		96
13) 1,4-Dichlorobenzene	6.88	146	435066	41.27	ng		97
14) 1,2-Dichlorobenzene	7.02	146	424721	44.07	ng		96
15) Benzyl Alcohol	7.00	79	308210	32.91	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.14	45	876114	43.99	ng		98
17) 2-Methylphenol	7.10	107	319804	41.97	ng		98
18) Hexachloroethane	7.37	117	168625	42.85	ng		92
19) n-Nitroso-di-n-propylamine	7.26	70	316860	41.73	ng		98
20) 3+4-Methylphenols	7.26	107	414013	44.04	ng	#	86
22) Acetophenone	7.26	105	537737	44.11	ng	#	89
24) Nitrobenzene	7.44	77	492833	47.16	ng		96
25) Isophorone	7.68	82	819365	44.17	ng		96
26) 2-Nitrophenol	7.76	139	197630	46.59	ng	#	87
27) 2,4-Dimethylphenol	7.79	122	448545	56.29	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	506484	46.09	ng		97
29) 2,4-Dichlorophenol	8.00	162	329636	46.54	ng		96
30) 1,2,4-Trichlorobenzene	8.08	180	338056	43.77	ng		98
31) Naphthalene	8.16	128	1070128	42.45	ng		100
32) Benzoic acid	7.90	122	167324	30.06	ng		99
33) 4-Chloroaniline	8.20	127	102473	9.63	ng	#	93
34) Hexachlorobutadiene	8.28	225	230078	46.14	ng		98
35) Caprolactam	8.57	113	92135m	43.44	ng		
36) 4-Chloro-3-methylphenol	8.69	107	374014	48.98	ng		98
37) 2-Methylnaphthalene	8.85	142	741954	46.88	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	310863	38.17	ng		98
40) Hexachlorocyclopentadiene	9.00	237	443313	88.48	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	217534	38.40	ng		99
43) 2,4,5-Trichlorophenol	9.16	196	252784	44.98	ng	#	88
45) 1,1'-Biphenyl	9.31	154	789928	39.72	ng		95
46) 2-Chloronaphthalene	9.33	162	633523	39.01	ng	#	90
47) 2-Nitroaniline	9.42	65	262777	41.58	ng	#	71
48) Acenaphthylene	9.76	152	1101507	42.65	ng		99
49) Dimethylphthalate	9.62	163	848959	46.45	ng		99
50) 2,6-Dinitrotoluene	9.68	165	189002	48.73	ng		87
51) Acenaphthene	9.93	154	771475	48.97	ng		98
52) 3-Nitroaniline	9.84	138	86065	19.23	ng	#	62
53) 2,4-Dinitrophenol	9.95	184	198726	96.20	ng	#	47
54) Dibenzofuran	10.10	168	980517	46.53	ng		96
55) 4-Nitrophenol	10.00	139	231432	70.18	ng	#	56
56) 2,4-Dinitrotoluene	10.08	165	241930	47.56	ng		98
57) Fluorene	10.44	166	699663	42.78	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	193909	45.75	ng		97
59) Diethylphthalate	10.32	149	792391	44.98	ng		100
60) 4-Chlorophenyl-phenylether	10.43	204	351269	49.83	ng		95
61) 4-Nitroaniline	10.45	138	158422	39.21	ng		91
62) Azobenzene	10.59	77	958358	50.22	ng		98
64) 4,6-Dinitro-2-methylphenol	10.48	198	117352	40.63	ng		97
65) n-Nitrosodiphenylamine	10.54	169	634807	40.37	ng		97
66) 4-Bromophenyl-phenylether	10.92	248	235889	47.64	ng		92
67) Hexachlorobenzene	10.98	284	233949	40.87	ng		96
68) Atrazine	11.07	200	214105	56.43	ng		99
69) Pentachlorophenol	11.17	266	295495	85.31	ng		98
70) Phenanthrene	11.39	178	979985	40.56	ng		99
71) Anthracene	11.45	178	1139898	48.01	ng		100
72) Carbazole	11.60	167	862689	41.86	ng		99
73) Di-n-butylphthalate	11.94	149	1282618	50.19	ng		98
74) Fluoranthene	12.58	202	1128822	48.32	ng		97
76) Benzidine	12.71	184	447369	39.14	ng		99
77) Pyrene	12.81	202	1095181	44.98	ng		100
79) Butylbenzylphthalate	13.43	149	408780	40.64	ng		95
80) Benzo(a)anthracene	13.99	228	769085	40.73	ng		100
81) 3,3'-Dichlorobenzidine	13.95	252	137564	21.34	ng	#	95
82) Chrysene	14.02	228	687810	37.53	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	568072	46.86	ng	#	93
84) Di-n-octyl phthalate	14.60	149	909488	44.74	ng		98
85) Indeno(1,2,3-cd)pyrene	16.80	276	684898	41.65	ng	#	88
87) Benzo(b)fluoranthene	15.00	252	726250	45.48	ng	#	96
88) Benzo(k)fluoranthene	15.04	252	527720m	40.16	ng		
89) Benzo(a)pyrene	15.36	252	604842	46.14	ng	#	97
90) Dibenzo(a,h)anthracene	16.81	278	584337	49.80	ng		98
91) Benzo(g,h,i)perylene	17.21	276	579513	50.19	ng		97

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

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