Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082182.D
Acq On : 10 Oct 2015 18:08
Operator : UM/IZ
Sample : G3974-03MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP222BR-35-37MSD

Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:17 PM

Quant Time: Oct 12 07:38:23 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 01:46:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	91416	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	359362	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	185539	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	353635	20.00	ng		0.00
75) Chrysene-d12	14.01	240	307385	20.00	ng		0.00
86) Perylene-d12	15.44	264	247055	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	710464	156.85	ng		0.02
7) Phenol-d6	6.48	99	870039	147.60	ng		0.00
23) Nitrobenzene-d5	7.42	82	586426	109.59	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	244751	140.66	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1110087	99.22	ng		0.00
78) Terphenyl-d14	12.96	244	1063116	91.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	94567	41.55	ng		99
3) Pyridine	3.21	79	251774	47.57	ng		99
4) n-Nitrosodimethylamine	3.19	42	109817	48.92	ng		98
6) Aniline	6.50	93	135151	17.78	ng	#	47
8) 2-Chlorophenol	6.63	128	281498	50.91	ng		95
9) Benzaldehyde	6.39	77	180329	59.91	ng		100
10) Phenol	6.49	94	287299	42.27	ng		98
11) bis(2-Chloroethyl)ether	6.58	93	281393	48.96	ng		98
12) 1,3-Dichlorobenzene	6.78	146	301227	46.78	ng		98
13) 1,4-Dichlorobenzene	6.86	146	317502	47.21	ng		99
14) 1,2-Dichlorobenzene	7.01	146	280142	43.87	ng		98
15) Benzyl Alcohol	6.99	79	213927	52.57	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	372347	46.53	ng		97
17) 2-Methylphenol	7.11	107	220103	50.34	ng		98
18) Hexachloroethane	7.35	117	105130	45.67	ng		94
19) n-Nitroso-di-n-propylamine	7.27	70	194395	46.96	ng		98
20) 3+4-Methylphenols	7.26	107	254698	48.88	ng		97
22) Acetophenone	7.26	105	358900	50.49	ng		98
24) Nitrobenzene	7.43	77	262431	45.31	ng		98
25) Isophorone	7.67	82	524921	48.60	ng		99
26) 2-Nitrophenol	7.75	139	161414	55.81	ng		98
27) 2,4-Dimethylphenol	7.78	122	219864	47.18	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	334406	53.21	ng		99
29) 2,4-Dichlorophenol	7.99	162	255065	54.76	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	264861	49.33	ng		99
31) Naphthalene	8.15	128	846583	54.35	ng		100
32) Benzoic acid	7.86	122	8768m	2.80	ng		
33) 4-Chloroaniline	8.21	127	55019	8.50	ng		98
34) Hexachlorobutadiene	8.26	225	162975	48.71	ng		98
35) Caprolactam	8.58	113	69170m	51.17	ng		
36) 4-Chloro-3-methylphenol	8.70	107	255967	56.19	ng		92
37) 2-Methylnaphthalene	8.85	142	577645	53.49	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	250066	45.31	ng		98
40) Hexachlorocyclopentadiene	8.99	237	255697	90.37	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	168370	45.93	ng		96
43) 2,4,5-Trichlorophenol	9.17	196	191746	48.29	ng		96
45) 1,1'-Biphenyl	9.30	154	638063	45.10	ng		99
46) 2-Chloronaphthalene	9.34	162	531156	47.69	ng		100
47) 2-Nitroaniline	9.43	65	147031	48.09	ng		99
48) Acenaphthylene	9.75	152	805421	46.42	ng		100
49) Dimethylphthalate	9.61	163	863064	66.06	ng		100
50) 2,6-Dinitrotoluene	9.68	165	134603	48.83	ng	#	89
51) Acenaphthene	9.92	154	514385	49.38	ng		99
52) 3-Nitroaniline	9.85	138	57600	18.50	ng		97
53) 2,4-Dinitrophenol	9.95	184	42702	31.90	ng		98
54) Dibenzofuran	10.09	168	689833	48.24	ng		98
55) 4-Nitrophenol	10.02	139	189381	85.58	ng		94
56) 2,4-Dinitrotoluene	10.08	165	160063	46.45	ng		90
57) Fluorene	10.43	166	561959	47.85	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	149980	46.23	ng		98
59) Diethylphthalate	10.31	149	566536	46.52	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	247882	46.07	ng		98
61) 4-Nitroaniline	10.47	138	133109	44.07	ng		100
62) Azobenzene	10.58	77	552325	46.34	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	84835	42.75	ng		89
65) n-Nitrosodiphenylamine	10.55	169	472432	44.62	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	162309	45.86	ng		98
67) Hexachlorobenzene	10.98	284	179998	47.03	ng		97
68) Atrazine	11.07	200	145383	43.34	ng		98
69) Pentachlorophenol	11.18	266	190462	96.70	ng		99
70) Phenanthrene	11.40	178	809032	46.67	ng		100
71) Anthracene	11.45	178	905048	50.67	ng		99
72) Carbazole	11.61	167	754747	46.32	ng		97
73) Di-n-butylphthalate	11.93	149	888146	44.18	ng		100
74) Fluoranthene	12.58	202	851540	45.74	ng		99
76) Benzidine	12.71	184	264453	29.69	ng		98
77) Pyrene	12.81	202	839421	46.02	ng		100
79) Butylbenzylphthalate	13.43	149	382475	45.94	ng		96
80) Benzo(a)anthracene	14.00	228	739209	46.22	ng		100
81) 3,3'-Dichlorobenzidine	13.97	252	120944	19.92	ng		99
82) Chrysene	14.04	228	701545	41.63	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	560025	47.15	ng		100
84) Di-n-octyl phthalate	14.61	149	909906	44.61	ng		99
85) Indeno(1,2,3-cd)pyrene	16.86	276	596291	44.52	ng		99
87) Benzo(b)fluoranthene	15.03	252	760428m	50.59	ng		
88) Benzo(k)fluoranthene	15.06	252	522691m	41.37	ng		
89) Benzo(a)pyrene	15.38	252	609580	47.19	ng		99
90) Dibenzo(a,h)anthracene	16.87	278	501174	47.34	ng		99
91) Benzo(g,h,i)perylene	17.28	276	489574	47.61	ng		99

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

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