Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082198.D
Acq On : 11 Oct 2015 2:12
Operator : UM/IZ
Sample : G3906-09MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MSD

Manual Integrations APPROVED
MMDadoda
10/12/2015 2:38:01 PM

Quant Time: Oct 12 03:46:48 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 02:59:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	95807	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	374641	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	189112	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	358902	20.00	ng		0.00
75) Chrysene-d12	14.01	240	320949	20.00	ng		0.00
86) Perylene-d12	15.44	264	263494	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	469211	98.84	ng		0.01
7) Phenol-d6	6.47	99	407761	66.01	ng		-0.01
23) Nitrobenzene-d5	7.42	82	607767	108.94	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	263208	148.41	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1214686	106.52	ng		0.00
78) Terphenyl-d14	12.96	244	1245855	102.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	56019	23.49	ng		96
3) Pyridine	3.20	79	107824	19.44	ng		99
4) n-Nitrosodimethylamine	3.15	42	57606	24.48	ng		95
6) Aniline	6.50	93	225891	28.36	ng		97
8) 2-Chlorophenol	6.63	128	239159	41.27	ng		99
9) Benzaldehyde	6.39	77	167671	53.15	ng		96
10) Phenol	6.49	94	157432	22.10	ng		97
11) bis(2-Chloroethyl)ether	6.58	93	284861	47.29	ng		95
12) 1,3-Dichlorobenzene	6.78	146	295682	43.81	ng		99
13) 1,4-Dichlorobenzene	6.86	146	310487	44.05	ng		99
14) 1,2-Dichlorobenzene	7.01	146	274701	41.05	ng		98
15) Benzyl Alcohol	6.98	79	166458	39.03	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	378003	45.07	ng		99
17) 2-Methylphenol	7.10	107	172676	37.68	ng		99
18) Hexachloroethane	7.35	117	103551	42.92	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	189646	43.71	ng	#	86
20) 3+4-Methylphenols	7.26	107	198649	36.38	ng		94
22) Acetophenone	7.26	105	375985	50.73	ng		94
24) Nitrobenzene	7.43	77	273837	45.35	ng		96
25) Isophorone	7.67	82	542132	48.15	ng		99
26) 2-Nitrophenol	7.75	139	159063	52.75	ng		96
27) 2,4-Dimethylphenol	7.78	122	229812	47.31	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	348266	53.16	ng		100
29) 2,4-Dichlorophenol	7.99	162	254649	52.44	ng		100
30) 1,2,4-Trichlorobenzene	8.07	180	264656	47.28	ng		97
31) Naphthalene	8.15	128	848089	52.22	ng		99
32) Benzoic acid	7.90	122	69860	21.43	ng		96
33) 4-Chloroaniline	8.21	127	204712	30.35	ng		97
34) Hexachlorobutadiene	8.26	225	159500	45.73	ng		99
35) Caprolactam	8.59	113	17000	12.06	ng		97
36) 4-Chloro-3-methylphenol	8.69	107	245899	51.78	ng		92
37) 2-Methylnaphthalene	8.85	142	589397	52.35	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	270727	48.13	ng		98
40) Hexachlorocyclopentadiene	8.99	237	259484	90.01	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	180310	48.26	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	195859	48.39	ng		98
45) 1,1'-Biphenyl	9.30	154	667261	46.27	ng		99
46) 2-Chloronaphthalene	9.34	162	549601	48.41	ng		98
47) 2-Nitroaniline	9.43	65	156757	50.30	ng		97
48) Acenaphthylene	9.75	152	855353	48.37	ng		100
49) Dimethylphthalate	9.61	163	647232	48.60	ng		100
50) 2,6-Dinitrotoluene	9.68	165	155059	55.18	ng		97
51) Acenaphthene	9.92	154	525928	49.54	ng		98
52) 3-Nitroaniline	9.85	138	99877	31.47	ng		96
53) 2,4-Dinitrophenol	9.95	184	142832	90.09	ng	#	83
54) Dibenzofuran	10.09	168	738283	50.65	ng		99
55) 4-Nitrophenol	10.01	139	97387	51.69	ng		91
56) 2,4-Dinitrotoluene	10.08	165	176838	50.35	ng		91
57) Fluorene	10.43	166	613010	51.21	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	165040	49.91	ng		97
59) Diethylphthalate	10.31	149	611902	49.30	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	267321	48.75	ng		99
61) 4-Nitroaniline	10.47	138	147542	47.93	ng		99
62) Azobenzene	10.58	77	615158	50.64	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	104371	51.82	ng		88
65) n-Nitrosodiphenylamine	10.55	169	520165	48.41	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	176977	49.27	ng		99
67) Hexachlorobenzene	10.98	284	194745	50.13	ng		99
68) Atrazine	11.07	200	159848	46.95	ng		99
69) Pentachlorophenol	11.18	266	211593	105.85	ng		98
70) Phenanthrene	11.39	178	865138	49.18	ng		99
71) Anthracene	11.45	178	985044	54.34	ng		99
72) Carbazole	11.60	167	810751	49.03	ng		100
73) Di-n-butylphthalate	11.93	149	1028144	50.40	ng		99
74) Fluoranthene	12.58	202	977054	51.71	ng		99
76) Benzidine	12.71	184	181762	19.54	ng		98
77) Pyrene	12.81	202	948394	49.79	ng		100
79) Butylbenzylphthalate	13.43	149	431065	49.59	ng		97
80) Benzo(a)anthracene	14.00	228	832766	49.87	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	234055	36.93	ng		98
82) Chrysene	14.04	228	779468	44.30	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	633357	51.07	ng		99
84) Di-n-octyl phthalate	14.60	149	1045819	49.11	ng		100
85) Indeno(1,2,3-cd)pyrene	16.86	276	712709	50.96	ng		100
87) Benzo(b)fluoranthene	15.03	252	872927m	54.45	ng		
88) Benzo(k)fluoranthene	15.06	252	608622m	45.17	ng		
89) Benzo(a)pyrene	15.38	252	708158	51.40	ng		100
90) Dibenzo(a,h)anthracene	16.88	278	602724	53.39	ng	#	96
91) Benzo(g,h,i)perylene	17.28	276	593186	54.08	ng		100

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

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