Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121015\
Data File : BF083691.D
Acq On : 10 Dec 2015 22:31
Operator : UM/IZ
Sample : G4617-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04MSD

Manual Integrations APPROVED
MMdadoda
12/11/2015 6:01:42 PM

Quant Time: Dec 17 11:33:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 09:56:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.61	152	168428	20.00	ng		-0.09
21) Naphthalene-d8	7.50	136	671846	20.00	ng		-0.10
38) Acenaphthene-d10	10.29	164	325509	20.00	ng		-0.09
63) Phenanthrene-d10	12.69	188	565625	20.00	ng		-0.09
75) Chrysene-d12	16.91	240	423658	20.00	ng		-0.08
86) Perylene-d12	18.57	264	350953	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	3.92	112	1679597	151.25	ng		-0.06
7) Phenol-d6	5.20	99	2184486	147.23	ng		-0.08
23) Nitrobenzene-d5	6.45	82	1425826	99.03	ng		-0.08
41) 2,4,6-Tribromophenol	11.60	330	405037	139.67	ng		-0.09
44) 2-Fluorobiphenyl	9.25	172	2075048	89.72	ng		-0.09
78) Terphenyl-d14	15.32	244	1767637	98.17	ng		-0.09
Target Compounds							Qvalue
2) 1,4-Dioxane	1.80	88	228611	41.67	ng	#	95
3) Pyridine	2.24	79	646623	48.51	ng		99
4) n-Nitrosodimethylamine	2.21	42	359462	51.22	ng		90
6) Aniline	5.18	93	383535	20.98	ng		90
8) 2-Chlorophenol	5.33	128	615467	50.68	ng		98
9) Benzaldehyde	5.02	77	225923	25.41	ng		97
10) Phenol	5.22	94	936086	52.09	ng	#	77
11) bis(2-Chloroethyl)ether	5.29	93	663640	50.19	ng		96
12) 1,3-Dichlorobenzene	5.53	146	647477	47.84	ng		99
13) 1,4-Dichlorobenzene	5.63	146	653714	47.08	ng		99
14) 1,2-Dichlorobenzene	5.85	146	619555	48.08	ng		99
15) Benzyl Alcohol	5.87	79	644689	61.07	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.04	45	1175523	48.08	ng	#	62
17) 2-Methylphenol	6.06	107	531935	53.84	ng	#	91
18) Hexachloroethane	6.32	117	223644	45.61	ng		91
19) n-Nitroso-di-n-propylamine	6.26	70	538130	51.96	ng		97
20) 3+4-Methylphenols	6.30	107	672952	51.72	ng		100
22) Acetophenone	6.24	105	882828	46.85	ng	#	99
24) Nitrobenzene	6.48	77	742447	46.65	ng		96
25) Isophorone	6.84	82	1349145	48.28	ng		98
26) 2-Nitrophenol	6.96	139	334963	53.01	ng		93
27) 2,4-Dimethylphenol	7.08	122	520209	47.06	ng		97
28) bis(2-Chloroethoxy)methane	7.20	93	814475	52.49	ng		99
29) 2,4-Dichlorophenol	7.36	162	533987	53.12	ng		95
30) 1,2,4-Trichlorobenzene	7.44	180	519654	46.80	ng		96
31) Naphthalene	7.54	128	1712661	48.13	ng		99
32) Benzoic acid	7.42	122	14811	5.00	ng	#	61
33) 4-Chloroaniline	7.70	127	200530	15.45	ng		94
34) Hexachlorobutadiene	7.74	225	302130	46.57	ng		99
35) Caprolactam	8.30	113	164728m	54.60	ng		
36) 4-Chloro-3-methylphenol	8.54	107	563209	49.87	ng		99
37) 2-Methylnaphthalene	8.64	142	1113127	49.80	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	496270	46.44	ng	#	100
40) Hexachlorocyclopentadiene	8.89	237	101077	54.30	ng		98

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Quant Time: Dec 17 11:33:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 09:56:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	319989	50.32	ng		97
43) 2,4,5-Trichlorophenol	9.23	196	316533	50.28	ng	#	88
45) 1,1'-Biphenyl	9.40	154	1284801	45.41	ng		100
46) 2-Chloronaphthalene	9.41	162	1008608	47.22	ng		95
47) 2-Nitroaniline	9.64	65	418864	54.37	ng		91
48) Acenaphthylene	10.06	152	1577848	44.80	ng		99
49) Dimethylphthalate	9.96	163	1638204	63.22	ng		99
50) 2,6-Dinitrotoluene	10.05	165	265844	49.69	ng		91
51) Acenaphthene	10.35	154	936970	46.47	ng		100
52) 3-Nitroaniline	10.33	138	150920	26.54	ng		92
53) 2,4-Dinitrophenol	10.57	184	49868	23.12	ng		91
54) Dibenzofuran	10.64	168	1414980	50.60	ng		96
55) 4-Nitrophenol	10.74	139	268776	107.37	ng		90
56) 2,4-Dinitrotoluene	10.72	165	371662	52.38	ng	#	81
57) Fluorene	11.18	166	1115812	45.72	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.89	232	284991	56.03	ng	#	100
59) Diethylphthalate	11.10	149	1151839	45.72	ng		98
60) 4-Chlorophenyl-phenylether	11.21	204	525048	45.19	ng		97
61) 4-Nitroaniline	11.33	138	250840	48.56	ng		91
62) Azobenzene	11.47	77	1445482	52.13	ng		97
64) 4,6-Dinitro-2-methylphenol	11.39	198	149166	39.08	ng		81
65) n-Nitrosodiphenylamine	11.42	169	976769	52.32	ng		99
66) 4-Bromophenyl-phenylether	12.00	248	297953	47.23	ng		99
67) Hexachlorobenzene	12.08	284	326550	48.79	ng	#	91
68) Atrazine	12.35	200	311713	56.12	ng		99
69) Pentachlorophenol	12.44	266	194015	103.55	ng		98
70) Phenanthrene	12.73	178	1567799	48.24	ng		99
71) Anthracene	12.82	178	1602788	47.61	ng		99
72) Carbazole	13.12	167	1469122	50.89	ng		98
73) Di-n-butylphthalate	13.75	149	1749943	48.20	ng		99
74) Fluoranthene	14.66	202	1562553	47.00	ng		99
76) Benzidine	14.95	184	329078	24.97	ng		96
77) Pyrene	15.01	202	1557969	51.08	ng		98
79) Butylbenzylphthalate	16.15	149	703690	51.98	ng		93
80) Benzo(a)anthracene	16.90	228	1148511	46.32	ng		99
81) 3,3'-Dichlorobenzidine	16.89	252	216275	25.82	ng		99
82) Chrysene	16.95	228	1120492	45.07	ng		100
83) Bis(2-ethylhexyl)phthalate	17.01	149	957481	50.96	ng		100
84) Di-n-octyl phthalate	17.78	149	1477624	51.46	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.76	276	1006214	59.97	ng	#	100
87) Benzo(b)fluoranthene	18.18	252	1120654m	56.07	ng		
88) Benzo(k)fluoranthene	18.21	252	775060m	35.20	ng		
89) Benzo(a)pyrene	18.51	252	889223	45.60	ng	#	96
90) Dibenzo(a,h)anthracene	19.76	278	872352	58.51	ng		99
91) Benzo(g,h,i)perylene	20.11	276	857494	58.98	ng		97

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

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