Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
Data File : BF083394.D
Acq On : 2 Dec 2015 2:02
Operator : UM/IZ
Sample : G4587-03MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Manual Integrations APPROVED
Mmdadoda
12/2/2015 6:12:59 PM

Quant Time: Dec 02 04:32:17 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	161534	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	646064	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	342429	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	672889	20.00	ng		0.00
75) Chrysene-d12	14.76	240	524960	20.00	ng		0.00
86) Perylene-d12	16.82	264	403549	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	742465	68.97	ng		0.01
7) Phenol-d6	6.21	99	650564	44.15	ng		-0.01
23) Nitrobenzene-d5	7.13	82	1290868	87.83	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	451027	131.21	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	1985900	82.64	ng		0.00
78) Terphenyl-d14	13.23	244	2092010	95.04	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	100666	17.27	ng	#	83
3) Pyridine	2.62	79	213737	14.66	ng		97
4) n-Nitrosodimethylamine	2.56	42	146603	20.43	ng		93
6) Aniline	6.21	93	433767	21.52	ng		99
8) 2-Chlorophenol	6.34	128	449809	37.88	ng		97
9) Benzaldehyde	6.09	77	246656	33.53	ng		98
10) Phenol	6.24	94	257049	14.50	ng		89
11) bis(2-Chloroethyl)ether	6.29	93	570387	44.23	ng		98
12) 1,3-Dichlorobenzene	6.49	146	513221	38.88	ng		98
13) 1,4-Dichlorobenzene	6.57	146	518507	38.01	ng		99
14) 1,2-Dichlorobenzene	6.73	146	455484	36.39	ng		99
15) Benzyl Alcohol	6.72	79	380333	33.40	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.84	45	1027029	45.38	ng		67
17) 2-Methylphenol	6.84	107	324826	32.82	ng	#	92
18) Hexachloroethane	7.06	117	174472	36.82	ng		99
19) n-Nitroso-di-n-propylamine	6.99	70	501820	47.65	ng		98
20) 3+4-Methylphenols	7.00	107	386483	28.83	ng		98
22) Acetophenone	6.98	105	800673	41.42	ng	#	96
24) Nitrobenzene	7.15	77	642343	40.93	ng		96
25) Isophorone	7.39	82	1247161	43.81	ng		97
26) 2-Nitrophenol	7.46	139	261132	40.76	ng		97
27) 2,4-Dimethylphenol	7.53	122	455095	42.38	ng		98
28) bis(2-Chloroethoxy)methane	7.61	93	716978	44.22	ng		100
29) 2,4-Dichlorophenol	7.71	162	431928	41.82	ng		97
30) 1,2,4-Trichlorobenzene	7.79	180	454126	40.39	ng		100
31) Naphthalene	7.86	128	1416604	40.41	ng		99
32) Benzoic acid	7.63	122	80386	10.85	ng		98
33) 4-Chloroaniline	7.93	127	287755	19.04	ng		99
34) Hexachlorobutadiene	7.98	225	248112	38.87	ng		98
35) Caprolactam	8.30	113	29270	8.97	ng		95
36) 4-Chloro-3-methylphenol	8.42	107	471995	40.74	ng	#	83
37) 2-Methylnaphthalene	8.56	142	1039552	44.37	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	433671	39.95	ng		98
40) Hexachlorocyclopentadiene	8.70	237	323337	62.71	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	322080	42.30	ng		99
43) 2,4,5-Trichlorophenol	8.89	196	342872	43.46	ng		94
45) 1,1'-Biphenyl	9.02	154	1251987	41.69	ng		100
46) 2-Chloronaphthalene	9.04	162	944782	41.29	ng		99
47) 2-Nitroaniline	9.15	65	427370	47.16	ng		92
48) Acenaphthylene	9.45	152	1490557	40.84	ng		100
49) Dimethylphthalate	9.34	163	1253186	45.03	ng		98
50) 2,6-Dinitrotoluene	9.39	165	254172	42.77	ng		89
51) Acenaphthene	9.62	154	884227	41.19	ng		99
52) 3-Nitroaniline	9.56	138	167607	24.06	ng		97
53) 2,4-Dinitrophenol	9.68	184	196475	56.87	ng	#	68
54) Dibenzofuran	9.79	168	1370619	43.56	ng		99
55) 4-Nitrophenol	9.76	139	105061m	24.11	ng		
56) 2,4-Dinitrotoluene	9.80	165	359469	47.67	ng	#	55
57) Fluorene	10.13	166	1032942	41.58	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.93	232	278837	43.81	ng		99
59) Diethylphthalate	10.03	149	1164999	43.92	ng		99
60) 4-Chlorophenyl-phenylether	10.13	204	510950	44.76	ng		97
61) 4-Nitroaniline	10.18	138	264049	37.89	ng		93
62) Azobenzene	10.29	77	1509302	47.10	ng		99
64) 4,6-Dinitro-2-methylphenol	10.20	198	143841	31.84	ng	#	62
65) n-Nitrosodiphenylamine	10.26	169	986241	41.71	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	342398	46.52	ng		93
67) Hexachlorobenzene	10.70	284	371834	45.69	ng	#	92
68) Atrazine	10.83	200	342510	52.37	ng		99
69) Pentachlorophenol	10.92	266	322553	75.66	ng		98
70) Phenanthrene	11.16	178	1745787	43.84	ng		98
71) Anthracene	11.22	178	1731951	43.20	ng		99
72) Carbazole	11.41	167	1538685	42.72	ng		99
73) Di-n-butylphthalate	11.86	149	1986354	46.53	ng		99
74) Fluoranthene	12.66	202	1799416	43.59	ng		99
76) Benzidine	12.87	184	374260	23.94	ng		98
77) Pyrene	12.98	202	1836977	50.11	ng		99
79) Butylbenzylphthalate	13.96	149	868151	55.82	ng		96
80) Benzo(a)anthracene	14.74	228	1478730	45.98	ng		99
81) 3,3'-Dichlorobenzidine	14.73	252	312331	31.09	ng		99
82) Chrysene	14.80	228	1322581	42.56	ng		99
83) Bis(2-ethylhexyl)phthalate	14.88	149	1210569	58.03	ng		99
84) Di-n-octyl phthalate	15.85	149	1872037	60.26	ng		100
85) Indeno(1,2,3-cd)pyrene	18.20	276	1187117	52.46	ng		100
87) Benzo(b)fluoranthene	16.32	252	1163413m	44.93	ng		
88) Benzo(k)fluoranthene	16.35	252	1108362	45.33	ng		98
89) Benzo(a)pyrene	16.75	252	1068880	48.06	ng	#	97
90) Dibenzo(a,h)anthracene	18.23	278	1004034	51.81	ng		98
91) Benzo(g,h,i)perylene	18.58	276	987279	51.91	ng		96

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

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