Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083156.D
Acq On : 22 Nov 2015 13:50
Operator : UM/IZ
Sample : G4504-04MSD
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02MSD

Quant Time: Nov 23 04:12:18 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	216808	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	825268	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	431221	20.00	ng		-0.01
63) Phenanthrene-d10	11.16	188	742401	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	560387	20.00	ng		-0.01
86) Perylene-d12	15.15	264	502991	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1279253	89.21	ng		-0.02
7) Phenol-d6	6.32	99	1224014	65.97	ng		-0.02
23) Nitrobenzene-d5	7.23	82	1669315	92.43	ng		0.00
41) 2,4,6-Tribromophenol	10.48	330	530479	120.25	ng		-0.01
44) 2-Fluorobiphenyl	9.03	172	2590722	83.78	ng		0.00
78) Terphenyl-d14	12.75	244	2135431	89.73	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	186322	26.23	ng	#	94
3) Pyridine	2.91	79	272277	14.51	ng		96
4) n-Nitrosodimethylamine	2.79	42	172187	19.90	ng		99
6) Aniline	6.32	93	546322	24.09	ng	#	86
8) 2-Chlorophenol	6.44	128	705552	45.54	ng		96
9) Benzaldehyde	6.19	77	452447	53.96	ng		97
10) Phenol	6.33	94	548850	24.45	ng		95
11) bis(2-Chloroethyl)ether	6.40	93	784251	48.93	ng		99
12) 1,3-Dichlorobenzene	6.59	146	715994m	40.47	ng		
13) 1,4-Dichlorobenzene	6.67	146	715309	39.97	ng		94
14) 1,2-Dichlorobenzene	6.82	146	654596	40.25	ng		96
15) Benzyl Alcohol	6.81	79	463638	29.90	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1314578	52.60	ng		70
17) 2-Methylphenol	6.95	107	521657	40.69	ng		96
18) Hexachloroethane	7.16	117	256938	40.76	ng	#	89
19) n-Nitroso-di-n-propylamine	7.10	70	628092	48.64	ng	#	87
20) 3+4-Methylphenols	7.10	107	660615	40.76	ng		96
22) Acetophenone	7.07	105	1085741	45.83	ng	#	99
24) Nitrobenzene	7.24	77	820049	42.49	ng		99
25) Isophorone	7.50	82	1617931	47.31	ng		98
26) 2-Nitrophenol	7.56	139	395957	46.48	ng		96
27) 2,4-Dimethylphenol	7.62	122	645004	47.44	ng		96
28) bis(2-Chloroethoxy)methane	7.71	93	976628	49.12	ng		99
29) 2,4-Dichlorophenol	7.82	162	636782	49.24	ng		99
30) 1,2,4-Trichlorobenzene	7.88	180	606202	42.68	ng		95
31) Naphthalene	7.96	128	2013566	45.21	ng		98
32) Benzoic acid	7.75	122	157818	14.93	ng		94
33) 4-Chloroaniline	8.02	127	326215	18.88	ng		95
34) Hexachlorobutadiene	8.09	225	365269	43.51	ng		98
35) Caprolactam	8.43	113	31008	7.48	ng	#	90
36) 4-Chloro-3-methylphenol	8.52	107	682308	45.55	ng		99
37) 2-Methylnaphthalene	8.65	142	1293738	44.76	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	588760	42.13	ng	#	98
40) Hexachlorocyclopentadiene	8.81	237	508151	63.94	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	433404	43.30	ng		98
43) 2,4,5-Trichlorophenol	8.98	196	469114	45.84	ng	#	86
45) 1,1'-Biphenyl	9.12	154	1486273	40.50	ng		96
46) 2-Chloronaphthalene	9.14	162	1274554	44.21	ng		94
47) 2-Nitroaniline	9.24	65	420255	41.21	ng		97
48) Acenaphthylene	9.55	152	1872287	41.91	ng		98
49) Dimethylphthalate	9.44	163	1683342	50.70	ng		99
50) 2,6-Dinitrotoluene	9.50	165	352211	47.28	ng	#	57
51) Acenaphthene	9.72	154	1145190	42.12	ng		100
52) 3-Nitroaniline	9.66	138	57757	7.27	ng	#	70
53) 2,4-Dinitrophenol	9.76	184	328901	76.64	ng	#	83
54) Dibenzofuran	9.90	168	1612102	41.93	ng		95
55) 4-Nitrophenol	9.85	139	194526	31.94	ng		88
56) 2,4-Dinitrotoluene	9.90	165	456193	48.33	ng	#	82
57) Fluorene	10.24	166	1350521	42.51	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.02	232	387776	46.19	ng		99
59) Diethylphthalate	10.14	149	1539345	46.58	ng		99
60) 4-Chlorophenyl-phenylether	10.24	204	655775	45.06	ng	#	82
61) 4-Nitroaniline	10.27	138	241161	30.84	ng		90
62) Azobenzene	10.39	77	1818359	48.21	ng		97
64) 4,6-Dinitro-2-methylphenol	10.30	198	213663	41.77	ng	#	71
65) n-Nitrosodiphenylamine	10.36	169	1232288	48.80	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	382783	46.46	ng	#	83
67) Hexachlorobenzene	10.79	284	462029	50.93	ng	#	84
68) Atrazine	10.90	200	385040	52.51	ng		99
69) Pentachlorophenol	10.98	266	516799	87.46	ng		97
70) Phenanthrene	11.19	178	1981816	46.33	ng		99
71) Anthracene	11.24	178	2069880	47.43	ng		99
72) Carbazole	11.41	167	1735804	44.75	ng		99
73) Di-n-butylphthalate	11.75	149	2314534	48.89	ng		99
74) Fluoranthene	12.38	202	2142480	48.94	ng		96
77) Pyrene	12.59	202	1974188	51.57	ng		100
79) Butylbenzylphthalate	13.23	149	1017667	56.17	ng		97
80) Benzo(a)anthracene	13.78	228	1736710	50.11	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	224137	18.58	ng		100
82) Chrysene	13.82	228	1409631	43.86	ng		99
83) Bis(2-ethylhexyl)phthalate	13.79	149	1294842	54.72	ng		98
84) Di-n-octyl phthalate	14.40	149	2168898	53.24	ng		97
85) Indeno(1,2,3-cd)pyrene	16.42	276	1482191	50.70	ng		97
87) Benzo(b)fluoranthene	14.79	252	1609691m	46.84	ng		
88) Benzo(k)fluoranthene	14.81	252	1149016m	44.87	ng		
89) Benzo(a)pyrene	15.11	252	1359714	47.92	ng		99
90) Dibenzo(a,h)anthracene	16.43	278	1265896	49.11	ng	#	96
91) Benzo(g,h,i)perylene	16.80	276	1258096	50.00	ng	#	95

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

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