Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060615\
Data File : BF079786.D
Acq On : 6 Jun 2015 23:29
Operator : TP/IZ
Sample : G2501-10MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12-6-2-15MS

Quant Time: Jun 08 19:43:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 08 18:33:51 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	56144	20.00	ng		-0.01
21) Naphthalene-d8	8.76	136	218723	20.00	ng		-0.01
38) Acenaphthene-d10	10.55	164	110544	20.00	ng		0.00
63) Phenanthrene-d10	12.06	188	219446	20.00	ng		0.00
75) Chrysene-d12	14.89	240	290121	20.00	ng		-0.01
86) Perylene-d12	16.77	264	210282	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.09	112	208927	62.37	ng		0.00
7) Phenol-d6	7.06	99	157843	36.48	ng		-0.01
23) Nitrobenzene-d5	8.03	82	374732	105.18	ng		0.00
41) 2,4,6-Tribromophenol	11.34	330	149002	140.93	ng		-0.01
44) 2-Fluorobiphenyl	9.84	172	900604	110.38	ng		-0.01
78) Terphenyl-d14	13.68	244	873433	68.95	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	29265	19.74	ng		98
3) Pyridine	4.27	79	79308	19.13	ng		97
4) n-Nitrosodimethylamine	4.18	42	41578	23.11	ng	#	99
6) Aniline	7.13	93	106784	17.01	ng		97
8) 2-Chlorophenol	7.26	128	139463	38.46	ng		97
9) Benzaldehyde	7.02	77	12986	4.63	ng		96
10) Phenol	7.08	94	58407	12.40	ng		99
11) bis(2-Chloroethyl)ether	7.19	93	183626	50.28	ng		99
12) 1,3-Dichlorobenzene	7.42	146	170185	37.49	ng		97
13) 1,4-Dichlorobenzene	7.50	146	191503	39.76	ng		100
14) 1,2-Dichlorobenzene	7.66	146	174652	38.81	ng		99
15) Benzyl Alcohol	7.60	79	95408	26.68	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.74	45	264100	47.82	ng		99
17) 2-Methylphenol	7.70	107	97942	28.96	ng		98
18) Hexachloroethane	8.00	117	56277	40.21	ng		97
19) n-Nitroso-di-n-propylamine	7.86	70	140007	46.64	ng		98
20) 3+4-Methylphenols	7.85	107	112321	26.06	ng		96
22) Acetophenone	7.87	105	275360	52.78	ng		99
24) Nitrobenzene	8.04	77	172969	48.68	ng		99
25) Isophorone	8.28	82	360591	49.59	ng		99
26) 2-Nitrophenol	8.38	139	66878	44.69	ng		93
27) 2,4-Dimethylphenol	8.39	122	148016m	43.95	ng		
28) bis(2-Chloroethoxy)methane	8.49	93	209328	46.58	ng	#	98
29) 2,4-Dichlorophenol	8.62	162	134984	44.67	ng		86
30) 1,2,4-Trichlorobenzene	8.71	180	167139	45.55	ng		97
31) Naphthalene	8.79	128	486820	42.43	ng		99
32) Benzoic acid	8.42	122	11244m	13.07	ng		
33) 4-Chloroaniline	8.82	127	97585m	16.74	ng		
34) Hexachlorobutadiene	8.91	225	100307	44.94	ng		98
35) Caprolactam	9.15	113	7156	7.78	ng		90
36) 4-Chloro-3-methylphenol	9.29	107	155826	46.16	ng		99
37) 2-Methylnaphthalene	9.48	142	438522	60.11	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.66	216	230203	66.87	ng		99
40) Hexachlorocyclopentadiene	9.64	237	201616	136.21	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.76	196	130540	57.01	ng		99
43) 2,4,5-Trichlorophenol	9.79	196	138882	57.65	ng		96
45) 1,1'-Biphenyl	9.95	154	548220	57.01	ng		99
46) 2-Chloronaphthalene	9.98	162	412598	52.55	ng		99
47) 2-Nitroaniline	10.06	65	91793	55.73	ng		92
48) Acenaphthylene	10.41	152	545140	41.99	ng		99
49) Dimethylphthalate	10.23	163	488292	57.35	ng		100
50) 2,6-Dinitrotoluene	10.30	165	90586	60.34	ng		97
51) Acenaphthene	10.58	154	344407	46.85	ng		97
52) 3-Nitroaniline	10.47	138	48455	26.94	ng		94
53) 2,4-Dinitrophenol	10.58	184	37588	79.73	ng	#	38
54) Dibenzofuran	10.75	168	512459	49.21	ng		99
55) 4-Nitrophenol	10.61	139	46521	34.63	ng		92
56) 2,4-Dinitrotoluene	10.71	165	106632	59.19	ng		94
57) Fluorene	11.10	166	404800	44.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.87	232	88488	45.38	ng		98
59) Diethylphthalate	10.94	149	425003	51.04	ng		98
60) 4-Chlorophenyl-phenylether	11.09	204	193291	47.33	ng	#	76
61) 4-Nitroaniline	11.09	138	75595	42.83	ng		97
62) Azobenzene	11.25	77	382281	45.43	ng	#	80
64) 4,6-Dinitro-2-methylphenol	11.12	198	28858	49.52	ng		92
65) n-Nitrosodiphenylamine	11.19	169	333651	45.52	ng		99
66) 4-Bromophenyl-phenylether	11.58	248	122909	51.73	ng		96
67) Hexachlorobenzene	11.66	284	127672	47.77	ng	#	65
68) Atrazine	11.71	200	109590	49.75	ng		95
69) Pentachlorophenol	11.85	266	117233	82.62	ng		97
70) Phenanthrene	12.08	178	636712	49.56	ng		98
71) Anthracene	12.13	178	612421	48.34	ng		98
72) Carbazole	12.27	167	592985	49.25	ng		98
73) Di-n-butylphthalate	12.58	149	654258	47.93	ng	#	82
74) Fluoranthene	13.30	202	672586	47.81	ng		99
76) Benzidine	13.41	184	197338	21.55	ng		98
77) Pyrene	13.55	202	701059	39.42	ng		98
79) Butylbenzylphthalate	14.19	149	274853	38.76	ng	#	73
80) Benzo(a)anthracene	14.88	228	831209	46.80	ng		99
81) 3,3'-Dichlorobenzidine	14.81	252	172435	28.58	ng	#	98
82) Chrysene	14.91	228	757098	46.12	ng		100
83) Bis(2-ethylhexyl)phthalate	14.82	149	520066	46.42	ng	#	97
84) Di-n-octyl phthalate	15.58	149	818598	41.49	ng		98
85) Indeno(1,2,3-cd)pyrene	18.73	276	651668	34.29	ng		99
87) Benzo(b)fluoranthene	16.19	252	616018m	47.16	ng		
88) Benzo(k)fluoranthene	16.24	252	611324	48.79	ng		98
89) Benzo(a)pyrene	16.69	252	589232	48.86	ng		99
90) Dibenzo(a,h)anthracene	18.75	278	540192	46.42	ng		98
91) Benzo(g,h,i)perylene	19.34	276	544759	45.27	ng		99

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

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