Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021315\
Data File : BF077315.D
Acq On : 13 Feb 2015 19:07
Operator : TP/IZ
Sample : G1294-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1004-50(0-2)MSD

Quant Time: Feb 14 00:51:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 13 13:10:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	31157	20.00	ng		0.00
21) Naphthalene-d8	10.41	136	132906	20.00	ng		0.00
38) Acenaphthene-d10	14.52	164	66396	20.00	ng		0.00
63) Phenanthrene-d10	17.44	188	118273	20.00	ng		0.00
75) Chrysene-d12	20.95	240	105922	20.00	ng		-0.01
86) Perylene-d12	22.59	264	96713	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	4.50	112	227815	114.04	ng		0.01
7) Phenol-d6	6.93	99	300084	121.69	ng		0.00
23) Nitrobenzene-d5	8.82	82	192029	82.53	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	69366	128.12	ng		-0.01
44) 2-Fluorobiphenyl	13.07	172	361738	82.00	ng		0.00
78) Terphenyl-d14	19.69	244	340787	72.27	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.02	88	23280	30.97	ng	#	95
3) Pyridine	1.44	79	64163	32.21	ng		95
4) n-Nitrosodimethylamine	1.40	42	38576	35.76	ng		98
6) Aniline	6.78	93	66805	20.48	ng		98
8) 2-Chlorophenol	7.02	128	84422	37.34	ng		96
9) Benzaldehyde	6.56	77	3837	2.53	ng	#	87
10) Phenol	6.96	94	99438	39.23	ng		99
11) bis(2-Chloroethyl)ether	7.05	93	75837	37.54	ng		95
12) 1,3-Dichlorobenzene	7.33	146	91671	36.68	ng		98
13) 1,4-Dichlorobenzene	7.54	146	89816	34.85	ng		97
14) 1,2-Dichlorobenzene	7.85	146	89106	36.49	ng		97
15) Benzyl Alcohol	7.96	79	74255	38.02	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.30	45	105332	37.21	ng		97
17) 2-Methylphenol	8.32	107	67863	38.81	ng	#	89
18) Hexachloroethane	8.59	117	33385	35.66	ng		89
19) n-Nitroso-di-n-propylamine	8.59	70	65020	37.50	ng		96
20) 3+4-Methylphenols	8.72	107	85318m	37.85	ng		
22) Acetophenone	8.51	105	128029	40.11	ng		99
24) Nitrobenzene	8.85	77	89444	38.77	ng		98
25) Isophorone	9.46	82	168226	40.11	ng		96
26) 2-Nitrophenol	9.60	139	41866	36.87	ng		95
27) 2,4-Dimethylphenol	9.89	122	75965	40.30	ng		97
28) bis(2-Chloroethoxy)methane	10.10	93	104684	41.00	ng		97
29) 2,4-Dichlorophenol	10.21	162	71216m	41.35	ng		
30) 1,2,4-Trichlorobenzene	10.33	180	74077	38.04	ng		95
31) Naphthalene	10.45	128	250794	38.23	ng		99
33) 4-Chloroaniline	10.73	127	61969m	23.42	ng		
34) Hexachlorobutadiene	10.82	225	41373	37.40	ng		97
35) Caprolactam	11.56	113	19334m	37.11	ng		
36) 4-Chloro-3-methylphenol	12.04	107	73687	38.24	ng		93
37) 2-Methylnaphthalene	12.11	142	181207	36.85	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	70179	42.00	ng	#	100
40) Hexachlorocyclopentadiene	12.50	237	64656	78.75	ng		99
42) 2,4,6-Trichlorophenol	12.88	196	45421	41.37	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	12.98	196	41845m	38.88	ng		
45) 1,1'-Biphenyl	13.27	154	207461	40.55	ng		97
46) 2-Chloronaphthalene	13.23	162	165315	40.46	ng		98
47) 2-Nitroaniline	13.60	65	55684m	46.64	ng		
48) Acenaphthylene	14.18	152	268731	41.68	ng		98
49) Dimethylphthalate	14.16	163	219864	45.79	ng		100
50) 2,6-Dinitrotoluene	14.25	165	43693	47.06	ng		86
51) Acenaphthene	14.60	154	149408	40.02	ng		97
52) 3-Nitroaniline	14.59	138	38396m	33.81	ng		
53) 2,4-Dinitrophenol	14.89	184	19015	62.27	ng	#	72
54) Dibenzofuran	15.03	168	232958	40.35	ng		98
55) 4-Nitrophenol	15.23	139	49087m	88.81	ng		
56) 2,4-Dinitrotoluene	15.19	165	58671	44.22	ng		98
57) Fluorene	15.80	166	190061	40.21	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.40	232	33276	45.78	ng	#	100
59) Diethylphthalate	15.83	149	218733	43.75	ng		99
60) 4-Chlorophenyl-phenylether	15.91	204	85930	43.73	ng		93
61) 4-Nitroaniline	15.99	138	39913	37.65	ng		95
62) Azobenzene	16.21	77	204675m	42.91	ng		
64) 4,6-Dinitro-2-methylphenol	16.07	198	23368	36.10	ng		98
65) n-Nitrosodiphenylamine	16.17	169	164776	39.06	ng		97
66) 4-Bromophenyl-phenylether	16.80	248	49465	40.02	ng		92
67) Hexachlorobenzene	16.81	284	50783	40.35	ng	#	82
68) Atrazine	17.20	200	57435	42.98	ng		90
69) Pentachlorophenol	17.20	266	26586	69.40	ng		95
70) Phenanthrene	17.47	178	273929	38.40	ng		99
71) Anthracene	17.55	178	274424	38.34	ng		99
72) Carbazole	17.85	167	259200	37.92	ng		98
73) Di-n-butylphthalate	18.45	149	358718	41.23	ng		99
74) Fluoranthene	19.13	202	269606	36.69	ng		96
76) Benzidine	19.38	184	137320	31.98	ng		99
77) Pyrene	19.41	202	277705	39.31	ng		97
79) Butylbenzylphthalate	20.36	149	154306	43.14	ng		88
80) Benzo(a)anthracene	20.93	228	240003	36.81	ng		99
81) 3,3'-Dichlorobenzidine	20.96	252	61077	26.72	ng	#	94
82) Chrysene	20.98	228	221296	37.46	ng		99
83) Bis(2-ethylhexyl)phthalate	21.11	149	237011	44.53	ng	#	97
84) Di-n-octyl phthalate	21.86	149	407273	44.50	ng		100
85) Indeno(1,2,3-cd)pyrene	23.70	276	232776m	40.52	ng		
87) Benzo(b)fluoranthene	22.18	252	247151	35.89	ng	#	97
88) Benzo(k)fluoranthene	22.21	252	180910m	34.78	ng		
89) Benzo(a)pyrene	22.53	252	213330	37.20	ng		97
90) Dibenzo(a,h)anthracene	23.72	278	194233	38.14	ng		98
91) Benzo(g,h,i)perylene	23.96	276	184916	36.70	ng	#	94

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

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