Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042315\
Data File : BF078752.D
Acq On : 23 Apr 2015 16:59
Operator : TP/IZ
Sample : G1938-14MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-77DMS

Quant Time: Apr 24 01:26:53 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 24 00:49:54 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	24221	20.00	ng		0.01
21) Naphthalene-d8	7.91	136	98925	20.00	ng		0.00
38) Acenaphthene-d10	11.10	164	48954	20.00	ng		0.00
63) Phenanthrene-d10	13.83	188	96646	20.00	ng		0.00
75) Chrysene-d12	17.71	240	103127	20.00	ng		0.00
86) Perylene-d12	19.47	264	110164	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	3.77	112	153585	104.55	ng		0.00
7) Phenol-d6	5.26	99	198163	107.64	ng		0.00
23) Nitrobenzene-d5	6.70	82	112746	69.08	ng		0.00
41) 2,4,6-Tribromophenol	12.57	330	49268	121.35	ng		0.00
44) 2-Fluorobiphenyl	9.93	172	238147	69.54	ng		0.00
78) Terphenyl-d14	16.38	244	274342	60.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.35	88	17644	26.56	ng	#	82
3) Pyridine	1.83	79	53326	30.65	ng		95
4) n-Nitrosodimethylamine	1.78	42	26571m	39.67	ng		
6) Aniline	5.24	93	46069	17.65	ng	#	88
8) 2-Chlorophenol	5.42	128	58778	33.84	ng		98
9) Benzaldehyde	5.07	77	6263	5.13	ng		99
10) Phenol	5.28	94	74158	33.62	ng		94
11) bis(2-Chloroethyl)ether	5.39	93	54324	34.24	ng		99
12) 1,3-Dichlorobenzene	5.66	146	61231	32.09	ng	#	92
13) 1,4-Dichlorobenzene	5.78	146	63028	32.82	ng		97
14) 1,2-Dichlorobenzene	6.01	146	60200	33.43	ng		98
15) Benzyl Alcohol	6.03	79	48926	37.82	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.27	45	69500	32.84	ng		72
17) 2-Methylphenol	6.26	107	46141	34.21	ng		94
18) Hexachloroethane	6.56	117	21279	32.85	ng	#	81
19) n-Nitroso-di-n-propylamine	6.49	70	41295	34.00	ng		93
20) 3+4-Methylphenols	6.54	107	61675	34.28	ng		98
22) Acetophenone	6.46	105	83290	36.14	ng	#	92
24) Nitrobenzene	6.73	77	58391	34.22	ng		91
25) Isophorone	7.15	82	106184	34.28	ng		94
26) 2-Nitrophenol	7.28	139	28760	35.37	ng		98
27) 2,4-Dimethylphenol	7.44	122	52448	34.69	ng		97
28) bis(2-Chloroethoxy)methane	7.60	93	66787	33.63	ng		98
29) 2,4-Dichlorophenol	7.72	162	49870	36.26	ng		94
30) 1,2,4-Trichlorobenzene	7.84	180	51220	32.48	ng		98
31) Naphthalene	7.95	128	171955	33.40	ng		99
32) Benzoic acid	7.63	122	7484	15.05	ng		87
33) 4-Chloroaniline	8.11	127	46001	21.53	ng		98
34) Hexachlorobutadiene	8.20	225	28721	33.17	ng		99
35) Caprolactam	8.73	113	14938	36.38	ng		94
36) 4-Chloro-3-methylphenol	9.07	107	51273	36.94	ng		90
37) 2-Methylnaphthalene	9.21	142	117396	33.58	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.52	216	50874	33.54	ng		100
40) Hexachlorocyclopentadiene	9.50	237	23664	39.97	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.77	196	34575	36.14	ng		99
43) 2,4,5-Trichlorophenol	9.85	196	35693	35.71	ng	#	90
45) 1,1'-Biphenyl	10.09	154	139574	34.86	ng		98
46) 2-Chloronaphthalene	10.09	162	108938	34.58	ng		99
47) 2-Nitroaniline	10.33	65	30758	39.46	ng		90
48) Acenaphthylene	10.83	152	176674	34.73	ng		99
49) Dimethylphthalate	10.74	163	153528	41.74	ng		97
50) 2,6-Dinitrotoluene	10.82	165	26942	35.61	ng	#	29
51) Acenaphthene	11.15	154	100267	35.01	ng		99
52) 3-Nitroaniline	11.11	138	27555	32.03	ng		96
53) 2,4-Dinitrophenol	11.34	184	8096	38.84	ng		94
54) Dibenzofuran	11.49	168	159782	36.52	ng		98
55) 4-Nitrophenol	11.54	139	37368	59.71	ng		85
56) 2,4-Dinitrotoluene	11.57	165	38169	38.95	ng	#	86
57) Fluorene	12.11	166	129287	36.46	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.76	232	25822	34.85	ng		95
59) Diethylphthalate	12.06	149	129182	36.43	ng		97
60) 4-Chlorophenyl-phenylether	12.18	204	58939	36.13	ng	#	90
61) 4-Nitroaniline	12.23	138	27147	31.21	ng		94
62) Azobenzene	12.47	77	122259	37.78	ng		92
64) 4,6-Dinitro-2-methylphenol	12.31	198	11468	28.20	ng		88
65) n-Nitrosodiphenylamine	12.41	169	112596	33.68	ng		97
66) 4-Bromophenyl-phenylether	13.07	248	35788	34.97	ng		93
67) Hexachlorobenzene	13.11	284	36663	32.69	ng	#	87
68) Atrazine	13.49	200	41253	42.60	ng		95
69) Pentachlorophenol	13.53	266	23738	50.86	ng		97
70) Phenanthrene	13.87	178	194318	34.76	ng		99
71) Anthracene	13.97	178	191213	34.71	ng		99
72) Carbazole	14.31	167	187474	36.31	ng		99
73) Di-n-butylphthalate	14.99	149	218795	37.41	ng		99
74) Fluoranthene	15.77	202	211178	35.82	ng		95
76) Benzidine	16.03	184	123852	31.19	ng		98
77) Pyrene	16.08	202	216328	33.42	ng		98
79) Butylbenzylphthalate	17.07	149	97680	39.59	ng		97
80) Benzo(a)anthracene	17.70	228	214136	34.90	ng		99
81) 3,3'-Dichlorobenzidine	17.71	252	67970	33.08	ng	#	99
82) Chrysene	17.75	228	203615	35.32	ng		99
83) Bis(2-ethylhexyl)phthalate	17.85	149	148904	38.48	ng	#	97
84) Di-n-octyl phthalate	18.65	149	258198	40.63	ng	#	100
85) Indeno(1,2,3-cd)pyrene	20.67	276	239223	36.57	ng	#	87
87) Benzo(b)fluoranthene	19.03	252	205414	30.17	ng		98
88) Benzo(k)fluoranthene	19.06	252	219344m	36.25	ng		
89) Benzo(a)pyrene	19.41	252	209198	35.21	ng	#	96
90) Dibenzo(a,h)anthracene	20.70	278	195462	32.86	ng	#	96
91) Benzo(g,h,i)perylene	20.99	276	200836	33.67	ng	#	94

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

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