Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012215\
Data File : BF077028.D
Acq On : 23 Jan 2015 2:52
Operator : TP/IZ
Sample : G1120-01MS
Misc : S
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AY-B5-FOOTINGS-AMS

Quant Time: Jan 23 10:18:16 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 23 03:40:26 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	23473	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	98443	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	54628	20.00	ng		0.00
63) Phenanthrene-d10	17.69	188	87061	20.00	ng		0.00
75) Chrysene-d12	21.19	240	81460	20.00	ng		0.00
86) Perylene-d12	22.83	264	73280	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.89	112	191481	134.12	ng		0.00
7) Phenol-d6	7.26	99	241532	134.11	ng		0.00
23) Nitrobenzene-d5	9.16	82	152968	86.09	ng		0.00
41) 2,4,6-Tribromophenol	16.59	330	58964	132.97	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	311448	86.76	ng		0.00
78) Terphenyl-d14	19.92	244	297912	84.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.22	88	19342	31.64	ng	#	94
3) Pyridine	1.68	79	61414	38.82	ng		95
4) n-Nitrosodimethylamine	1.65	42	27591	35.21	ng	#	97
6) Aniline	7.14	93	33297	13.36	ng		98
8) 2-Chlorophenol	7.38	128	72323	43.94	ng		100
9) Benzaldehyde	6.86	77	15938	13.52	ng		89
10) Phenol	7.28	94	91438	47.81	ng		91
11) bis(2-Chloroethyl)ether	7.40	93	70469	47.09	ng	#	77
12) 1,3-Dichlorobenzene	7.69	146	78510	41.93	ng		94
13) 1,4-Dichlorobenzene	7.89	146	80148	40.36	ng		98
14) 1,2-Dichlorobenzene	8.21	146	77088	42.13	ng		97
15) Benzyl Alcohol	8.29	79	62229	42.70	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	86020	42.76	ng		94
17) 2-Methylphenol	8.64	107	57419	42.69	ng		97
18) Hexachloroethane	8.95	117	29718	43.03	ng		97
19) n-Nitroso-di-n-propylamine	8.93	70	54449	43.19	ng		93
20) 3+4-Methylphenols	9.02	107	74693	41.94	ng		94
22) Acetophenone	8.85	105	108693	45.08	ng		96
24) Nitrobenzene	9.19	77	79303	43.81	ng		96
25) Isophorone	9.80	82	140752	43.49	ng		96
26) 2-Nitrophenol	9.93	139	37996	41.25	ng	#	83
27) 2,4-Dimethylphenol	10.22	122	62675	44.78	ng		97
28) bis(2-Chloroethoxy)methane	10.42	93	84936	46.18	ng		99
29) 2,4-Dichlorophenol	10.54	162	59999	45.99	ng		97
30) 1,2,4-Trichlorobenzene	10.68	180	64689	44.64	ng		96
31) Naphthalene	10.81	128	216148	42.65	ng		98
32) Benzoic acid	10.55	122	16891	21.78	ng		95
33) 4-Chloroaniline	11.06	127	33119	16.17	ng		94
34) Hexachlorobutadiene	11.18	225	37346	43.44	ng		93
35) Caprolactam	11.88	113	16819m	43.79	ng		
36) 4-Chloro-3-methylphenol	12.36	107	66517	44.53	ng		99
37) 2-Methylnaphthalene	12.46	142	155796	45.01	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	59358	43.95	ng		98
40) Hexachlorocyclopentadiene	12.86	237	54551	75.31	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	43326	44.03	ng		98
43) 2,4,5-Trichlorophenol	13.31	196	42198	42.04	ng		100
45) 1,1'-Biphenyl	13.61	154	179605	44.35	ng		97
46) 2-Chloronaphthalene	13.59	162	143580	43.08	ng		97
47) 2-Nitroaniline	13.93	65	44456	43.97	ng		94
48) Acenaphthylene	14.54	152	232049	41.28	ng		99
49) Dimethylphthalate	14.49	163	178965	46.20	ng		98
50) 2,6-Dinitrotoluene	14.59	165	34935	45.13	ng		95
51) Acenaphthene	14.96	154	130257	40.84	ng		99
52) 3-Nitroaniline	14.93	138	26394	26.94	ng		84
53) 2,4-Dinitrophenol	15.21	184	23396	66.70	ng		96
54) Dibenzofuran	15.39	168	203389	43.78	ng		100
55) 4-Nitrophenol	15.53	139	52154	85.88	ng	#	86
56) 2,4-Dinitrotoluene	15.52	165	47932	41.60	ng	#	87
57) Fluorene	16.13	166	163131	41.44	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.74	232	33105	45.30	ng	#	96
59) Diethylphthalate	16.13	149	170724	43.60	ng		98
60) 4-Chlorophenyl-phenylether	16.22	204	70442	43.74	ng		88
61) 4-Nitroaniline	16.27	138	32589	33.84	ng		97
62) Azobenzene	16.51	77	174604	42.80	ng		97
64) 4,6-Dinitro-2-methylphenol	16.35	198	20837	37.98	ng		98
65) n-Nitrosodiphenylamine	16.46	169	137435	44.27	ng		98
66) 4-Bromophenyl-phenylether	17.07	248	40544	45.97	ng		90
67) Hexachlorobenzene	17.08	284	41304	44.44	ng		89
68) Atrazine	17.44	200	48059	51.02	ng		97
69) Pentachlorophenol	17.44	266	35591	83.18	ng		98
70) Phenanthrene	17.73	178	231352	42.61	ng		99
71) Anthracene	17.81	178	229929	43.43	ng		100
72) Carbazole	18.09	167	228288	44.46	ng		98
73) Di-n-butylphthalate	18.68	149	283561	47.71	ng		99
74) Fluoranthene	19.37	202	237378	42.67	ng		98
76) Benzidine	19.61	184	106452	40.84	ng		99
77) Pyrene	19.66	202	250141	44.81	ng		99
79) Butylbenzylphthalate	20.59	149	118942	47.04	ng		89
80) Benzo(a)anthracene	21.18	228	216769	42.41	ng		99
81) 3,3'-Dichlorobenzidine	21.19	252	55847	34.38	ng		99
82) Chrysene	21.23	228	207037	44.42	ng		100
83) Bis(2-ethylhexyl)phthalate	21.33	149	180260	51.53	ng	#	97
84) Di-n-octyl phthalate	22.09	149	306387	50.46	ng		97
85) Indeno(1,2,3-cd)pyrene	23.90	276	211833	42.89	ng	#	83
87) Benzo(b)fluoranthene	22.43	252	211752	42.90	ng	#	95
88) Benzo(k)fluoranthene	22.45	252	182736m	42.38	ng		
89) Benzo(a)pyrene	22.77	252	198724	45.65	ng	#	96
90) Dibenzo(a,h)anthracene	23.92	278	173768	43.50	ng	#	96
91) Benzo(g,h,i)perylene	24.19	276	174629	43.97	ng		97

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

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