Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079239.D
Acq On : 14 May 2015 18:18
Operator : TP/IZ
Sample : G2215-11MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-39SMSD

Quant Time: May 15 02:33:17 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 02:17:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	47841	20.00	ng		0.00
21) Naphthalene-d8	8.80	136	200248	20.00	ng		0.00
38) Acenaphthene-d10	10.97	164	99243	20.00	ng		0.00
63) Phenanthrene-d10	12.81	188	187287	20.00	ng		0.00
75) Chrysene-d12	16.17	240	199954	20.00	ng		-0.07
86) Perylene-d12	18.09	264	223173	20.00	ng		-0.21
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	423771m	152.48	ng		0.00
7) Phenol-d6	6.79	99	600150	163.37	ng		0.00
23) Nitrobenzene-d5	7.91	82	321611	92.30	ng		0.00
41) 2,4,6-Tribromophenol	11.95	330	182580	170.06	ng		0.00
44) 2-Fluorobiphenyl	10.15	172	660606	92.74	ng		0.00
78) Terphenyl-d14	14.81	244	763142	91.37	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	42411m	35.10	ng		
3) Pyridine	2.84	79	128950m	36.46	ng		
4) n-Nitrosodimethylamine	2.76	42	74552m	49.20	ng		
6) Aniline	6.81	93	106466	20.53	ng	#	63
8) 2-Chlorophenol	6.95	128	157560	49.98	ng		93
9) Benzaldehyde	6.66	77	50849	20.55	ng		98
10) Phenol	6.80	94	199625	46.84	ng		76
11) bis(2-Chloroethyl)ether	6.91	93	147230	47.13	ng		97
12) 1,3-Dichlorobenzene	7.14	146	165956	46.84	ng		97
13) 1,4-Dichlorobenzene	7.23	146	165285	45.33	ng		95
14) 1,2-Dichlorobenzene	7.42	146	157382	46.36	ng		96
15) Benzyl Alcohol	7.40	79	132839	48.71	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.58	45	220170	46.06	ng		98
17) 2-Methylphenol	7.55	107	128983	50.85	ng		98
18) Hexachloroethane	7.84	117	58694	46.73	ng		97
19) n-Nitroso-di-n-propylamine	7.74	70	121099	48.80	ng		95
20) 3+4-Methylphenols	7.75	107	174858	51.73	ng	#	42
22) Acetophenone	7.72	105	230169	50.88	ng	#	88
24) Nitrobenzene	7.93	77	162048	46.92	ng		93
25) Isophorone	8.23	82	303321	46.96	ng	#	90
26) 2-Nitrophenol	8.33	139	80330	56.20	ng		94
27) 2,4-Dimethylphenol	8.39	122	142578	49.84	ng		92
28) bis(2-Chloroethoxy)methane	8.51	93	200077	50.24	ng		99
29) 2,4-Dichlorophenol	8.63	162	144749	56.91	ng		92
30) 1,2,4-Trichlorobenzene	8.73	180	136202	48.75	ng		97
31) Naphthalene	8.82	128	483866	50.71	ng		100
32) Benzoic acid	8.49	122	44412	27.84	ng		97
33) 4-Chloroaniline	8.90	127	82878	20.53	ng	#	86
34) Hexachlorobutadiene	8.97	225	72457	45.03	ng		97
35) Caprolactam	9.31	113	42618m	51.81	ng		
36) 4-Chloro-3-methylphenol	9.51	107	153023	57.28	ng		93
37) 2-Methylnaphthalene	9.68	142	328113	49.62	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.88	216	131255	46.96	ng		99
40) Hexachlorocyclopentadiene	9.87	237	105117	74.79	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.03	196	95266	49.58	ng		99
43) 2,4,5-Trichlorophenol	10.08	196	100317	51.64	ng	#	89
45) 1,1'-Biphenyl	10.26	154	389691	49.39	ng		98
46) 2-Chloronaphthalene	10.28	162	312682	50.81	ng		93
47) 2-Nitroaniline	10.41	65	89027	49.93	ng		93
48) Acenaphthylene	10.80	152	508992	50.37	ng		99
49) Dimethylphthalate	10.65	163	437431	60.06	ng		100
50) 2,6-Dinitrotoluene	10.73	165	77816	54.14	ng		96
51) Acenaphthene	11.02	154	296445	49.20	ng		99
52) 3-Nitroaniline	10.93	138	63879	35.58	ng		94
53) 2,4-Dinitrophenol	11.06	184	42426	73.60	ng	#	79
54) Dibenzofuran	11.22	168	431102	49.53	ng		97
55) 4-Nitrophenol	11.15	139	148827	104.72	ng	#	62
56) 2,4-Dinitrotoluene	11.22	165	97881	51.51	ng	#	69
57) Fluorene	11.66	166	364536	51.03	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.38	232	82205	51.78	ng		98
59) Diethylphthalate	11.53	149	353648	49.01	ng		100
60) 4-Chlorophenyl-phenylether	11.66	204	151661	47.85	ng		93
61) 4-Nitroaniline	11.68	138	76683	42.69	ng		98
62) Azobenzene	11.85	77	341745	48.06	ng		96
64) 4,6-Dinitro-2-methylphenol	11.73	198	34605	45.34	ng	#	49
65) n-Nitrosodiphenylamine	11.81	169	305409	48.97	ng		99
66) 4-Bromophenyl-phenylether	12.26	248	93609	47.95	ng		92
67) Hexachlorobenzene	12.33	284	108707	48.72	ng	#	70
68) Atrazine	12.48	200	93001	51.28	ng		98
69) Pentachlorophenol	12.58	266	117551	89.19	ng		99
70) Phenanthrene	12.85	178	663707	63.35	ng		99
71) Anthracene	12.91	178	557795	54.27	ng		99
72) Carbazole	13.12	167	535888	54.70	ng		98
73) Di-n-butylphthalate	13.57	149	608197	51.76	ng		98
74) Fluoranthene	14.32	202	758266	69.45	ng		99
76) Benzidine	14.50	184	227296	42.18	ng		97
77) Pyrene	14.61	202	749068	65.01	ng		99
79) Butylbenzylphthalate	15.45	149	270443	53.69	ng		98
80) Benzo(a)anthracene	16.15	228	646786	59.07	ng		100
81) 3,3'-Dichlorobenzidine	16.13	252	166601	42.72	ng	#	94
82) Chrysene	16.21	228	600561	57.03	ng		100
83) Bis(2-ethylhexyl)phthalate	16.22	149	399738	52.40	ng	#	98
84) Di-n-octyl phthalate	17.10	149	671674	49.99	ng		97
85) Indeno(1,2,3-cd)pyrene	19.58	276	776254m	57.85	ng		
87) Benzo(b)fluoranthene	17.59	252	734294	60.11	ng		99
88) Benzo(k)fluoranthene	17.62	252	557817m	47.17	ng		
89) Benzo(a)pyrene	18.02	252	637317	56.66	ng		100
90) Dibenzo(a,h)anthracene	19.61	278	604420	50.56	ng		98
91) Benzo(g,h,i)perylene	20.01	276	653124	54.51	ng		99

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

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