Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
Data File : BF092506.D
Acq On : 26 Jan 2017 4:49
Operator : SJ/MA
Sample : I1346-06MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P14-11917MS

Quant Time: Jan 26 12:42:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	154228	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	587968	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	335742	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	575132	20.00	ng		-0.01
75) Chrysene-d12	14.16	240	407418	20.00	ng		-0.01
86) Perylene-d12	15.63	264	344117	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	1299576	131.10	ng		0.02
7) Phenol-d6	6.60	99	1753142	138.84	ng		0.01
23) Nitrobenzene-d5	7.54	82	1085508	100.85	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	312183	136.45	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1421392	78.29	ng		-0.01
78) Terphenyl-d14	13.11	244	1436136	93.86	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	226130	42.89	ng		86
3) Pyridine	3.44	79	613608	40.88	ng	#	84
4) n-Nitrosodimethylamine	3.39	42	325177	44.16	ng		83
6) Aniline	6.62	93	255434	13.56	ng	#	46
8) 2-Chlorophenol	6.75	128	481534	46.25	ng		91
9) Benzaldehyde	6.51	77	334555	37.34	ng		92
10) Phenol	6.61	94	828011	54.33	ng	#	69
11) bis(2-Chloroethyl)ether	6.70	93	509380	44.67	ng		93
12) 1,3-Dichlorobenzene	6.91	146	580463m	47.14	ng		
13) 1,4-Dichlorobenzene	6.99	146	595857	48.08	ng		94
14) 1,2-Dichlorobenzene	7.14	146	509291	43.32	ng		99
15) Benzyl Alcohol	7.12	79	499421	52.48	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.25	45	969942	43.00	ng		93
17) 2-Methylphenol	7.22	107	440808	49.55	ng		97
18) Hexachloroethane	7.48	117	194486	45.55	ng	#	86
19) n-Nitroso-di-n-propylamine	7.39	70	383849	44.64	ng		96
20) 3+4-Methylphenols	7.38	107	525042	48.64	ng		93
22) Acetophenone	7.38	105	706048	50.42	ng	#	87
24) Nitrobenzene	7.56	77	587000	52.06	ng	#	84
25) Isophorone	7.80	82	1079149	50.88	ng		99
26) 2-Nitrophenol	7.87	139	265101	56.11	ng		94
27) 2,4-Dimethylphenol	7.92	122	507428	51.64	ng		94
28) bis(2-Chloroethoxy)methane	8.01	93	612924	44.02	ng		99
29) 2,4-Dichlorophenol	8.12	162	444286	52.15	ng		99
30) 1,2,4-Trichlorobenzene	8.20	180	442173	48.02	ng		95
31) Naphthalene	8.28	128	1384171	46.00	ng		99
32) Benzoic acid	8.00	122	111672	18.41	ng		96
33) 4-Chloroaniline	8.33	127	81851	6.43	ng		98
34) Hexachlorobutadiene	8.41	225	244073	48.46	ng		98
35) Caprolactam	8.70	113	108879	38.27	ng	#	1
36) 4-Chloro-3-methylphenol	8.82	107	473436	51.53	ng		97
37) 2-Methylnaphthalene	8.98	142	925599	48.59	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	448247	52.93	ng		99
40) Hexachlorocyclopentadiene	9.14	237	350282	82.59	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	336664	51.88	ng		94
43) 2,4,5-Trichlorophenol	9.30	196	309419	52.12	ng	#	90
45) 1,1'-Biphenyl	9.45	154	1119411	46.12	ng		97
46) 2-Chloronaphthalene	9.47	162	852370	43.00	ng		95
47) 2-Nitroaniline	9.56	65	295733	44.30	ng		94
48) Acenaphthylene	9.89	152	1541015	53.00	ng		98
49) Dimethylphthalate	9.76	163	1258895	58.96	ng		100
50) 2,6-Dinitrotoluene	9.81	165	264339	60.57	ng		96
51) Acenaphthene	10.06	154	1068445	59.14	ng		97
52) 3-Nitroaniline	9.97	138	64867	11.87	ng		94
53) 2,4-Dinitrophenol	10.08	184	156917	62.78	ng	#	44
54) Dibenzofuran	10.24	168	1441950	58.78	ng		95
55) 4-Nitrophenol	10.14	139	479517	110.48	ng	#	75
56) 2,4-Dinitrotoluene	10.21	165	316126	54.57	ng		99
57) Fluorene	10.58	166	1052021	57.84	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.35	232	265486	59.68	ng	#	99
59) Diethylphthalate	10.45	149	1024562	50.05	ng		98
60) 4-Chlorophenyl-phenylether	10.57	204	409318	46.40	ng		90
61) 4-Nitroaniline	10.60	138	258793	47.34	ng		81
62) Azobenzene	10.73	77	1143808	49.10	ng		94
64) 4,6-Dinitro-2-methylphenol	10.62	198	153930	49.50	ng		96
65) n-Nitrosodiphenylamine	10.69	169	917819	51.10	ng		100
66) 4-Bromophenyl-phenylether	11.06	248	259899	44.76	ng		96
67) Hexachlorobenzene	11.13	284	282282	48.09	ng	#	93
68) Atrazine	11.22	200	279512	45.47	ng		97
69) Pentachlorophenol	11.32	266	353281	94.14	ng		99
70) Phenanthrene	11.54	178	1737976	54.87	ng		100
71) Anthracene	11.60	178	1703950	55.05	ng		98
72) Carbazole	11.74	167	1396171	47.24	ng		99
73) Di-n-butylphthalate	12.08	149	1564058	46.28	ng		98
74) Fluoranthene	12.73	202	1548839	49.99	ng		99
76) Benzidine	12.85	184	386418	25.55	ng		97
77) Pyrene	12.96	202	1616575	54.76	ng		100
79) Butylbenzylphthalate	13.57	149	691002	57.78	ng		99
80) Benzo(a)anthracene	14.15	228	1125161	51.39	ng		100
81) 3,3'-Dichlorobenzidine	14.11	252	251447	30.25	ng	#	96
82) Chrysene	14.18	228	967670	41.38	ng		99
83) Bis(2-ethylhexyl)phthalate	14.13	149	835961	55.50	ng		99
84) Di-n-octyl phthalate	14.75	149	1475278	53.96	ng		98
85) Indeno(1,2,3-cd)pyrene	17.12	276	1142231	66.02	ng		95
87) Benzo(b)fluoranthene	15.20	252	1272038m	57.58	ng		
88) Benzo(k)fluoranthene	15.23	252	769323m	41.88	ng		
89) Benzo(a)pyrene	15.57	252	994387	53.21	ng		99
90) Dibenzo(a,h)anthracene	17.14	278	931319	61.63	ng		96
91) Benzo(g,h,i)perylene	17.57	276	988514	64.68	ng	#	91

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

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