Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090187.D
Acq On : 22 Sep 2016 4:22
Operator : UM/SJ
Sample : H4856-10MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-8-1.5-2.5FTMSD

Quant Time: Sep 22 04:58:16 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	102443	20.00	ng		-0.01
21) Naphthalene-d8	7.80	136	372180	20.00	ng		-0.01
38) Acenaphthene-d10	9.54	164	182219	20.00	ng		-0.01
63) Phenanthrene-d10	11.02	188	263846	20.00	ng		-0.01
75) Chrysene-d12	13.63	240	197879	20.00	ng		0.00
86) Perylene-d12	14.96	264	154251	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	1009819	160.67	ng		0.02
7) Phenol-d6	6.18	99	1146758	147.75	ng		0.01
23) Nitrobenzene-d5	7.08	82	690899	107.61	ng		-0.01
41) 2,4,6-Tribromophenol	10.33	330	208778	133.55	ng		-0.01
44) 2-Fluorobiphenyl	8.88	172	1225660	132.05	ng		-0.01
78) Terphenyl-d14	12.59	244	811714	104.15	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.96	88	149293	43.78	ng		98
3) Pyridine	2.56	79	357772	48.38	ng		94
4) n-Nitrosodimethylamine	2.51	42	134184	60.80	ng		92
6) Aniline	6.17	93	181061	18.71	ng	#	75
8) 2-Chlorophenol	6.30	128	365173	50.50	ng		99
9) Benzaldehyde	6.04	77	39909	11.80	ng		99
10) Phenol	6.19	94	434121	47.31	ng	#	70
11) bis(2-Chloroethyl)ether	6.26	93	413425	57.78	ng		95
12) 1,3-Dichlorobenzene	6.46	146	402172	53.23	ng	#	95
13) 1,4-Dichlorobenzene	6.54	146	405785	52.61	ng		93
14) 1,2-Dichlorobenzene	6.68	146	386777m	56.29	ng		
15) Benzyl Alcohol	6.67	79	260203	56.22	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.81	45	409268	47.87	ng		71
17) 2-Methylphenol	6.80	107	287558	50.48	ng		94
18) Hexachloroethane	7.03	117	121457	44.15	ng	#	82
19) n-Nitroso-di-n-propylamine	6.95	70	254965	55.92	ng		95
20) 3+4-Methylphenols	6.96	107	395685	57.86	ng		93
22) Acetophenone	6.94	105	479742	53.45	ng	#	98
24) Nitrobenzene	7.11	77	393174	58.77	ng		93
25) Isophorone	7.36	82	701941	52.33	ng	#	92
26) 2-Nitrophenol	7.43	139	163711	49.70	ng	#	84
27) 2,4-Dimethylphenol	7.48	122	312582	53.41	ng		98
28) bis(2-Chloroethoxy)methane	7.58	93	475336	58.58	ng		99
29) 2,4-Dichlorophenol	7.68	162	275150	53.60	ng		98
30) 1,2,4-Trichlorobenzene	7.75	180	285745	55.73	ng		98
31) Naphthalene	7.83	128	1054230	59.49	ng		99
32) Benzoic acid	7.56	122	10420	2.59	ng	#	81
33) 4-Chloroaniline	7.88	127	105565	14.36	ng		97
34) Hexachlorobutadiene	7.95	225	159042	58.80	ng		98
35) Caprolactam	8.25	113	67801	39.90	ng		96
36) 4-Chloro-3-methylphenol	8.39	107	341197	58.81	ng		94
37) 2-Methylnaphthalene	8.51	142	663502	60.21	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	258523	61.81	ng		97
40) Hexachlorocyclopentadiene	8.67	237	39224	19.00	ng		97

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Instrument : BNA_F
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	174507	58.55	ng		99
43) 2,4,5-Trichlorophenol	8.84	196	167976	54.43	ng	#	83
45) 1,1'-Biphenyl	8.98	154	747359	57.33	ng		96
46) 2-Chloronaphthalene	9.00	162	604097	62.81	ng		92
47) 2-Nitroaniline	9.11	65	194022	66.91	ng	#	82
48) Acenaphthylene	9.40	152	855490	54.77	ng		99
49) Dimethylphthalate	9.29	163	947124	81.61	ng		99
50) 2,6-Dinitrotoluene	9.35	165	136052	52.60	ng		94
51) Acenaphthene	9.58	154	498912	53.81	ng		99
52) 3-Nitroaniline	9.51	138	149504	49.30	ng		86
53) 2,4-Dinitrophenol	9.63	184	1034	3.84	ng	#	30
54) Dibenzofuran	9.75	168	733757	60.14	ng		95
55) 4-Nitrophenol	9.70	139	170245	81.94	ng		93
56) 2,4-Dinitrotoluene	9.75	165	157151	51.38	ng		95
57) Fluorene	10.09	166	536298	58.33	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	122799	53.15	ng	#	98
59) Diethylphthalate	9.99	149	693519	61.87	ng		98
60) 4-Chlorophenyl-phenylether	10.09	204	226552	54.03	ng		93
61) 4-Nitroaniline	10.12	138	163369	52.85	ng		98
62) Azobenzene	10.25	77	747943	64.11	ng		93
64) 4,6-Dinitro-2-methylphenol	10.16	198	3365	2.04	ng	#	60
65) n-Nitrosodiphenylamine	10.22	169	527028	60.74	ng		99
66) 4-Bromophenyl-phenylether	10.57	248	147026	56.63	ng	#	78
67) Hexachlorobenzene	10.64	284	172666	57.06	ng	#	84
68) Atrazine	10.74	200	129685	54.55	ng		95
69) Pentachlorophenol	10.83	266	150794	87.80	ng		99
70) Phenanthrene	11.04	178	777625	63.02	ng		99
71) Anthracene	11.09	178	799781	61.80	ng		100
72) Carbazole	11.26	167	809943	59.20	ng		98
73) Di-n-butylphthalate	11.60	149	859594	54.03	ng		99
74) Fluoranthene	12.22	202	772885	58.35	ng		95
76) Benzidine	12.35	184	280996	42.43	ng		97
77) Pyrene	12.43	202	718752	53.08	ng		98
79) Butylbenzylphthalate	13.09	149	372251	56.20	ng		92
80) Benzo(a)anthracene	13.62	228	654567	61.48	ng		99
81) 3,3'-Dichlorobenzidine	13.60	252	189192	43.09	ng	#	97
82) Chrysene	13.66	228	593486m	57.23	ng		
83) Bis(2-ethylhexyl)phthalate	13.65	149	531579	62.72	ng		99
84) Di-n-octyl phthalate	14.25	149	929898	63.69	ng		99
85) Indeno(1,2,3-cd)pyrene	16.13	276	468146	55.83	ng		96
87) Benzo(b)fluoranthene	14.62	252	674531m	78.97	ng		
88) Benzo(k)fluoranthene	14.64	252	401878m	50.13	ng		
89) Benzo(a)pyrene	14.90	252	477182	59.39	ng	#	93
90) Dibenzo(a,h)anthracene	16.14	278	400578	63.89	ng	#	95
91) Benzo(g,h,i)perylene	16.48	276	386725	63.02	ng	#	91

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

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