Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090186.D
Acq On : 22 Sep 2016 3:54
Operator : UM/SJ
Sample : H4856-09MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Sep 22 08:49:41 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	136560	20.00	ng		-0.01
21) Naphthalene-d8	7.80	136	497913	20.00	ng		-0.01
38) Acenaphthene-d10	9.54	164	214194	20.00	ng		-0.01
63) Phenanthrene-d10	11.02	188	366302	20.00	ng		-0.01
75) Chrysene-d12	13.63	240	264570	20.00	ng		0.00
86) Perylene-d12	14.96	264	202747	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	924040	110.29	ng		0.01
7) Phenol-d6	6.18	99	1103140	106.62	ng		0.01
23) Nitrobenzene-d5	7.08	82	656568	76.44	ng		-0.01
41) 2,4,6-Tribromophenol	10.33	330	205191	111.66	ng		-0.01
44) 2-Fluorobiphenyl	8.88	172	1069786	98.05	ng		-0.01
78) Terphenyl-d14	12.59	244	768506	73.75	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.96	88	146644	32.26	ng		98
3) Pyridine	2.56	79	333938	33.88	ng		99
4) n-Nitrosodimethylamine	2.51	42	123402	41.95	ng		98
6) Aniline	6.17	93	169265	13.12	ng	#	76
8) 2-Chlorophenol	6.30	128	346273	35.92	ng		98
9) Benzaldehyde	6.04	77	37909	8.41	ng		95
10) Phenol	6.19	94	464300	37.96	ng	#	67
11) bis(2-Chloroethyl)ether	6.26	93	400675	42.01	ng		94
12) 1,3-Dichlorobenzene	6.46	146	382107	37.94	ng	#	93
13) 1,4-Dichlorobenzene	6.54	146	382598	37.21	ng		95
14) 1,2-Dichlorobenzene	6.68	146	374067m	40.84	ng		
15) Benzyl Alcohol	6.67	79	252195	40.88	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.81	45	391774	34.37	ng		73
17) 2-Methylphenol	6.80	107	279251	36.78	ng		94
18) Hexachloroethane	7.03	117	116679	31.81	ng	#	81
19) n-Nitroso-di-n-propylamine	6.95	70	243489	40.06	ng		95
20) 3+4-Methylphenols	6.96	107	380100	41.70	ng		93
22) Acetophenone	6.94	105	465507	38.77	ng	#	98
24) Nitrobenzene	7.11	77	384505	42.96	ng	#	89
25) Isophorone	7.35	82	666168	37.12	ng		97
26) 2-Nitrophenol	7.43	139	156979	35.62	ng	#	83
27) 2,4-Dimethylphenol	7.48	122	308263	39.37	ng		99
28) bis(2-Chloroethoxy)methane	7.58	93	463973	42.74	ng		99
29) 2,4-Dichlorophenol	7.68	162	265731	38.69	ng		99
30) 1,2,4-Trichlorobenzene	7.75	180	272529	39.73	ng		98
31) Naphthalene	7.83	128	1030651	43.47	ng		99
33) 4-Chloroaniline	7.88	127	106805	10.86	ng		96
34) Hexachlorobutadiene	7.95	225	153225	42.34	ng		98
35) Caprolactam	8.25	113	63441	27.91	ng		97
36) 4-Chloro-3-methylphenol	8.39	107	294380	37.93	ng		95
37) 2-Methylnaphthalene	8.51	142	568238	38.54	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	223705	45.50	ng	#	95
40) Hexachlorocyclopentadiene	8.67	237	29990	12.36	ng		97
42) 2,4,6-Trichlorophenol	8.80	196	148075	42.27	ng		98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090186.D
Acq On : 22 Sep 2016 3:54
Operator : UM/SJ
Sample : H4856-09MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Sep 22 08:49:41 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)
43) 2,4,5-Trichlorophenol	8.84	196	147853	40.76	ng	#	87
45) 1,1'-Biphenyl	8.98	154	648608	42.33	ng		97
46) 2-Chloronaphthalene	9.00	162	500498	44.27	ng	#	92
47) 2-Nitroaniline	9.11	65	163466	47.96	ng		85
48) Acenaphthylene	9.40	152	735116	40.04	ng		99
49) Dimethylphthalate	9.29	163	807004	59.15	ng		99
50) 2,6-Dinitrotoluene	9.35	165	119339	39.25	ng	#	87
51) Acenaphthene	9.58	154	491770	45.13	ng		99
52) 3-Nitroaniline	9.51	138	124593	34.95	ng		85
53) 2,4-Dinitrophenol	9.63	184	618	3.50	ng	#	14
54) Dibenzofuran	9.75	168	706806	49.28	ng		94
55) 4-Nitrophenol	9.70	139	172715	70.72	ng		95
56) 2,4-Dinitrotoluene	9.75	165	159810	44.45	ng		92
57) Fluorene	10.09	166	537541	49.73	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	122135	44.97	ng	#	97
59) Diethylphthalate	9.99	149	684661	51.97	ng		98
60) 4-Chlorophenyl-phenylether	10.09	204	229369	46.54	ng		92
61) 4-Nitroaniline	10.12	138	160410	44.15	ng		96
62) Azobenzene	10.25	77	718173	52.37	ng		92
65) n-Nitrosodiphenylamine	10.22	169	527282	43.77	ng		100
66) 4-Bromophenyl-phenylether	10.57	248	143636	39.85	ng	#	79
67) Hexachlorobenzene	10.64	284	164116	39.07	ng	#	84
68) Atrazine	10.74	200	131348	39.79	ng		94
69) Pentachlorophenol	10.83	266	145715	61.11	ng		98
70) Phenanthrene	11.04	178	759324	44.32	ng		99
71) Anthracene	11.08	178	779195	43.37	ng		99
72) Carbazole	11.26	167	784596	41.31	ng		97
73) Di-n-butylphthalate	11.60	149	963277	43.61	ng		99
74) Fluoranthene	12.22	202	742187	40.36	ng		95
76) Benzidine	12.35	184	257270	29.05	ng		96
77) Pyrene	12.43	202	697379	38.52	ng		99
79) Butylbenzylphthalate	13.07	149	357620	40.38	ng	#	74
80) Benzo(a)anthracene	13.62	228	618784	43.47	ng		100
81) 3,3'-Dichlorobenzidine	13.60	252	181782	30.97	ng	#	96
82) Chrysene	13.66	228	587791	42.39	ng		100
83) Bis(2-ethylhexyl)phthalate	13.65	149	506035	44.65	ng		99
84) Di-n-octyl phthalate	14.25	149	873601	44.75	ng		100
85) Indeno(1,2,3-cd)pyrene	16.13	276	441491	39.38	ng		97
87) Benzo(b)fluoranthene	14.62	252	652949m	58.16	ng		
88) Benzo(k)fluoranthene	14.64	252	361715m	34.33	ng		
89) Benzo(a)pyrene	14.90	252	447350	42.36	ng	#	92
90) Dibenzo(a,h)anthracene	16.14	278	378579	45.94	ng		96
91) Benzo(g,h,i)perylene	16.47	276	361508	44.82	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090186.D
Acq On : 22 Sep 2016 3:54
Operator : UM/SJ
Sample : H4856-09MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Sep 22 08:49:41 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