Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092216\
Data File : BF090192.D
Acq On : 22 Sep 2016 17:40
Operator : UM/SJ
Sample : H4856-10MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Sep 23 01:14:29 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 01:02:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	162984	20.00	ng		0.00
21) Naphthalene-d8	7.79	136	653764	20.00	ng		0.00
38) Acenaphthene-d10	9.53	164	313004	20.00	ng		0.00
63) Phenanthrene-d10	11.00	188	477494	20.00	ng		0.00
75) Chrysene-d12	13.61	240	255384	20.00	ng		0.00
86) Perylene-d12	14.94	264	285601	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	1009095	100.92	ng		0.02
7) Phenol-d6	6.17	99	1458586	118.12	ng		0.01
23) Nitrobenzene-d5	7.07	82	857342	76.02	ng		0.00
41) 2,4,6-Tribromophenol	10.32	330	269350	100.30	ng		0.00
44) 2-Fluorobiphenyl	8.87	172	1456656	91.36	ng		0.00
78) Terphenyl-d14	12.58	244	904081	89.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.95	88	156993	28.94	ng		98
3) Pyridine	2.54	79	366679	31.17	ng		98
4) n-Nitrosodimethylamine	2.50	42	147754	42.08	ng		99
6) Aniline	6.16	93	209351	13.60	ng	#	91
8) 2-Chlorophenol	6.28	128	427381	37.15	ng		93
9) Benzaldehyde	6.03	77	47301	8.79	ng		99
10) Phenol	6.18	94	629411	43.12	ng	#	63
11) bis(2-Chloroethyl)ether	6.25	93	457660	40.20	ng		94
12) 1,3-Dichlorobenzene	6.43	146	446807	37.17	ng		96
13) 1,4-Dichlorobenzene	6.51	146	458657	37.37	ng		97
14) 1,2-Dichlorobenzene	6.67	146	436112	39.89	ng		96
15) Benzyl Alcohol	6.66	79	319916	43.44	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.80	45	486208	35.74	ng		87
17) 2-Methylphenol	6.79	107	352249	38.87	ng		96
18) Hexachloroethane	7.02	117	171740	39.24	ng	#	77
19) n-Nitroso-di-n-propylamine	6.94	70	318891	43.96	ng		96
20) 3+4-Methylphenols	6.95	107	471035	43.29	ng		97
22) Acetophenone	6.92	105	565543	35.87	ng	#	99
24) Nitrobenzene	7.10	77	480255	40.87	ng		91
25) Isophorone	7.34	82	887503	37.67	ng		97
26) 2-Nitrophenol	7.42	139	243369	42.06	ng	#	85
27) 2,4-Dimethylphenol	7.47	122	402766	39.18	ng		99
28) bis(2-Chloroethoxy)methane	7.56	93	599345	42.05	ng		99
29) 2,4-Dichlorophenol	7.67	162	352547	39.10	ng		99
30) 1,2,4-Trichlorobenzene	7.74	180	357972	39.74	ng		98
31) Naphthalene	7.82	128	1309130	42.05	ng		99
32) Benzoic acid	7.55	122	15418	2.18	ng	#	80
33) 4-Chloroaniline	7.87	127	105754	8.19	ng		95
34) Hexachlorobutadiene	7.94	225	196383	41.33	ng		98
35) Caprolactam	8.25	113	94775m	31.75	ng		
36) 4-Chloro-3-methylphenol	8.38	107	385078	37.78	ng		95
37) 2-Methylnaphthalene	8.50	142	769423	39.75	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	297217	41.37	ng		98
40) Hexachlorocyclopentadiene	8.66	237	277618	78.31	ng		98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092216\
Data File : BF090192.D
Acq On : 22 Sep 2016 17:40
Operator : UM/SJ
Sample : H4856-10MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Sep 23 01:14:29 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 01:02:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	210400	41.10	ng		100
43) 2,4,5-Trichlorophenol	8.83	196	210718	39.75	ng	#	89
45) 1,1'-Biphenyl	8.97	154	895903	40.01	ng		97
46) 2-Chloronaphthalene	8.98	162	704448	42.64	ng		96
47) 2-Nitroaniline	9.10	65	219966	44.16	ng	#	80
48) Acenaphthylene	9.39	152	1009539	37.63	ng		99
49) Dimethylphthalate	9.29	163	1265977	63.50	ng		99
50) 2,6-Dinitrotoluene	9.34	165	173677	39.09	ng		94
51) Acenaphthene	9.56	154	613109	38.50	ng		100
52) 3-Nitroaniline	9.50	138	136806	26.26	ng		85
53) 2,4-Dinitrophenol	9.61	184	44523	20.36	ng		94
54) Dibenzofuran	9.74	168	876936	41.84	ng		94
55) 4-Nitrophenol	9.69	139	241011	67.53	ng		96
56) 2,4-Dinitrotoluene	9.74	165	201735	38.40	ng		97
57) Fluorene	10.08	166	683695	43.29	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.86	232	163887	41.29	ng		98
59) Diethylphthalate	9.98	149	817686	42.47	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	284959	39.57	ng		92
61) 4-Nitroaniline	10.11	138	197087	37.12	ng		92
62) Azobenzene	10.24	77	942968	47.05	ng		93
64) 4,6-Dinitro-2-methylphenol	10.15	198	74165	24.80	ng		88
65) n-Nitrosodiphenylamine	10.20	169	700241	44.60	ng		100
66) 4-Bromophenyl-phenylether	10.56	248	192870	41.05	ng	#	80
67) Hexachlorobenzene	10.62	284	215545	39.36	ng	#	78
68) Atrazine	10.74	200	213952	49.73	ng		97
69) Pentachlorophenol	10.82	266	200964	64.65	ng		99
70) Phenanthrene	11.03	178	994029	44.51	ng		99
71) Anthracene	11.07	178	1006889	42.99	ng		99
72) Carbazole	11.23	167	908531	36.69	ng		98
73) Di-n-butylphthalate	11.59	149	1227070	42.62	ng		99
74) Fluoranthene	12.21	202	937903	39.13	ng		91
76) Benzidine	12.33	184	139301	16.30	ng		97
77) Pyrene	12.42	202	810315	46.37	ng		100
79) Butylbenzylphthalate	13.06	149	382405	44.73	ng	#	76
80) Benzo(a)anthracene	13.60	228	620270	45.14	ng		100
81) 3,3'-Dichlorobenzidine	13.58	252	101874	17.98	ng	#	97
82) Chrysene	13.65	228	584576	43.68	ng		98
83) Bis(2-ethylhexyl)phthalate	13.63	149	541214	49.47	ng		99
84) Di-n-octyl phthalate	14.24	149	841206	44.64	ng		100
85) Indeno(1,2,3-cd)pyrene	16.10	276	685861	63.38	ng		97
87) Benzo(b)fluoranthene	14.59	252	628265m	39.73	ng		
88) Benzo(k)fluoranthene	14.62	252	627150m	42.25	ng		
89) Benzo(a)pyrene	14.89	252	615594	41.38	ng	#	96
90) Dibenzo(a,h)anthracene	16.11	278	580192	49.98	ng		96
91) Benzo(g,h,i)perylene	16.45	276	560360	49.32	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092216\
Data File : BF090192.D
Acq On : 22 Sep 2016 17:40
Operator : UM/SJ
Sample : H4856-10MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Sep 23 01:14:29 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 01:02:29 2016
Response via : Initial Calibration