Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091933.D
Acq On : 23 Dec 2016 19:33
Operator : UM/SJ
Sample : H6238-13MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-003-COMPMS

Quant Time: Dec 26 12:24:45 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 12:17:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	204973	20.00	ng		-0.01
21) Naphthalene-d8	8.03	136	863505	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	415056	20.00	ng		-0.01
63) Phenanthrene-d10	11.26	188	627170	20.00	ng		0.00
75) Chrysene-d12	13.89	240	405016	20.00	ng		-0.01
86) Perylene-d12	15.29	264	397662	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1631046	132.87	ng		0.05
7) Phenol-d6	6.44	99	2138602	142.69	ng		0.03
23) Nitrobenzene-d5	7.32	82	1542542	99.33	ng		0.00
41) 2,4,6-Tribromophenol	10.58	330	478057	139.18	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	2188576	112.16	ng		-0.01
78) Terphenyl-d14	12.84	244	1383774	82.86	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	249011	41.20	ng		94
3) Pyridine	3.02	79	905545	42.93	ng		96
4) n-Nitrosodimethylamine	2.99	42	430462	54.10	ng		99
6) Aniline	6.42	93	408381	20.98	ng	#	47
8) 2-Chlorophenol	6.54	128	642157	45.99	ng		93
9) Benzaldehyde	6.28	77	97622	8.77	ng		92
10) Phenol	6.45	94	1006549	58.94	ng	#	76
11) bis(2-Chloroethyl)ether	6.49	93	689462	50.74	ng		99
12) 1,3-Dichlorobenzene	6.68	146	708369	47.52	ng	#	93
13) 1,4-Dichlorobenzene	6.76	146	743839	49.02	ng		97
14) 1,2-Dichlorobenzene	6.91	146	581219	44.15	ng		95
15) Benzyl Alcohol	6.91	79	605100	51.96	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	993045	49.07	ng		69
17) 2-Methylphenol	7.05	107	569159	50.68	ng		99
18) Hexachloroethane	7.25	117	264178	46.96	ng		96
19) n-Nitroso-di-n-propylamine	7.17	70	514753	51.63	ng		98
20) 3+4-Methylphenols	7.21	107	808566	60.37	ng	#	74
22) Acetophenone	7.16	105	1014908	47.65	ng		94
24) Nitrobenzene	7.33	77	702582	42.48	ng		98
25) Isophorone	7.57	82	1342887	46.87	ng	#	93
26) 2-Nitrophenol	7.65	139	402118	49.30	ng		93
27) 2,4-Dimethylphenol	7.71	122	613145	45.32	ng		98
28) bis(2-Chloroethoxy)methane	7.79	93	907636	52.24	ng		100
29) 2,4-Dichlorophenol	7.92	162	586565	51.20	ng		97
30) 1,2,4-Trichlorobenzene	7.97	180	581200	46.30	ng	#	95
31) Naphthalene	8.05	128	1919323	48.57	ng		100
32) Benzoic acid	7.84	122	152086	15.16	ng		96
33) 4-Chloroaniline	8.11	127	207549	11.65	ng		99
34) Hexachlorobutadiene	8.17	225	321673	48.55	ng		99
35) Caprolactam	8.49	113	183109m	48.64	ng		
36) 4-Chloro-3-methylphenol	8.62	107	572468	43.43	ng		96
37) 2-Methylnaphthalene	8.74	142	1228131	56.42	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	536266	51.14	ng		97
40) Hexachlorocyclopentadiene	8.90	237	250251	54.90	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091933.D
Acq On : 23 Dec 2016 19:33
Operator : UM/SJ
Sample : H6238-13MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-003-COMPMS

Quant Time: Dec 26 12:24:45 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 12:17:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	358854	48.93	ng		98
43) 2,4,5-Trichlorophenol	9.09	196	355083	47.05	ng	#	83
45) 1,1'-Biphenyl	9.21	154	1424239	50.12	ng		98
46) 2-Chloronaphthalene	9.23	162	1061814	47.18	ng		93
47) 2-Nitroaniline	9.33	65	388422	48.47	ng		95
48) Acenaphthylene	9.64	152	1561290	45.11	ng		99
49) Dimethylphthalate	9.52	163	1667115	62.80	ng		99
50) 2,6-Dinitrotoluene	9.58	165	315494	54.30	ng	#	83
51) Acenaphthene	9.81	154	1020567	43.49	ng		99
52) 3-Nitroaniline	9.74	138	169967	23.64	ng		94
53) 2,4-Dinitrophenol	9.86	184	102701	31.77	ng	#	92
54) Dibenzofuran	9.98	168	1367506	43.15	ng		95
55) 4-Nitrophenol	9.96	139	537744	110.14	ng	#	71
56) 2,4-Dinitrotoluene	9.98	165	398190	54.60	ng		94
57) Fluorene	10.33	166	1031138	44.72	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	298831	50.06	ng		99
59) Diethylphthalate	10.21	149	1245918	48.33	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	527643	52.27	ng	#	79
61) 4-Nitroaniline	10.36	138	251819	33.79	ng		93
62) Azobenzene	10.48	77	1383101	48.73	ng		97
64) 4,6-Dinitro-2-methylphenol	10.38	198	102221	26.95	ng	#	28
65) n-Nitrosodiphenylamine	10.44	169	1009877	54.26	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	317352	48.64	ng		94
67) Hexachlorobenzene	10.88	284	334683	47.99	ng	#	93
68) Atrazine	10.98	200	306698	51.09	ng		97
69) Pentachlorophenol	11.08	266	332018	97.03	ng		99
70) Phenanthrene	11.29	178	1829508	53.80	ng		99
71) Anthracene	11.33	178	1657830	64.35	ng		99
72) Carbazole	11.50	167	1576254	50.03	ng		99
73) Di-n-butylphthalate	11.82	149	1763591	55.71	ng		99
74) Fluoranthene	12.46	202	1613623	54.93	ng		99
76) Benzidine	12.60	184	557958	57.66	ng		95
77) Pyrene	12.69	202	1489389	50.12	ng		100
79) Butylbenzylphthalate	13.32	149	667677	49.40	ng		90
80) Benzo(a)anthracene	13.88	228	1161855	50.82	ng		100
81) 3,3'-Dichlorobenzidine	13.85	252	327191	37.74	ng		99
82) Chrysene	13.92	228	969704	42.28	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	788900	49.57	ng	#	99
84) Di-n-octyl phthalate	14.49	149	1355294	45.97	ng		100
85) Indeno(1,2,3-cd)pyrene	16.63	276	1031696	51.93	ng		98
87) Benzo(b)fluoranthene	14.90	252	1198806m	48.42	ng		
88) Benzo(k)fluoranthene	14.92	252	1002489m	47.48	ng		
89) Benzo(a)pyrene	15.23	252	1094314	49.80	ng		99
90) Dibenzo(a,h)anthracene	16.64	278	845909	46.83	ng		99
91) Benzo(g,h,i)perylene	17.03	276	849541	45.23	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091933.D
Acq On : 23 Dec 2016 19:33
Operator : UM/SJ
Sample : H6238-13MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT-003-COMPMS

Quant Time: Dec 26 12:24:45 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 12:17:05 2016
Response via : Initial Calibration