Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103258.D
Acq On : 27 Feb 2018 13:09
Operator : SJ/JU
Sample : PB106864BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB106864BS

Manual Integrations APPROVED
Sohil
2/28/2018 11:17:25 AM

Quant Time: Feb 27 17:07:50 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	118014	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	513541	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	237678	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	426431	20.00	ng		0.00
75) Chrysene-d12	14.06	240	312396	20.00	ng		0.00
86) Perylene-d12	15.56	264	299664	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1021338	130.89	ng		0.01
7) Phenol-d6	6.51	99	1241874	130.07	ng		0.00
23) Nitrobenzene-d5	7.44	82	714587	79.47	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	267118	132.77	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1139853	81.89	ng		0.00
78) Terphenyl-d14	12.99	244	1149785	88.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	192760	46.773	ng		90
3) Pyridine	3.49	79	512012	46.536	ng		94
4) n-Nitrosodimethylamine	3.44	42	234389	52.823	ng		98
6) Aniline	6.54	93	480315	34.856	ng		96
8) 2-Chlorophenol	6.66	128	395737	48.821	ng		97
9) Benzaldehyde	6.43	77	189439	30.471	ng		99
10) Phenol	6.53	94	509213	45.940	ng		88
11) bis(2-Chloroethyl)ether	6.61	93	404491	48.081	ng		94
12) 1,3-Dichlorobenzene	6.82	146	420547	45.399	ng		99
13) 1,4-Dichlorobenzene	6.89	146	419544	45.174	ng		99
14) 1,2-Dichlorobenzene	7.05	146	391968	45.771	ng		97
15) Benzyl Alcohol	7.02	79	340121	47.272	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	669979	46.377	ng		99
17) 2-Methylphenol	7.13	107	341153	46.312	ng		98
18) Hexachloroethane	7.38	117	158693	46.938	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	266532	44.853	ng		98
20) 3+4-Methylphenols	7.28	107	387762	43.183	ng	#	68
22) Acetophenone	7.28	105	515397	42.997	ng	#	85
24) Nitrobenzene	7.46	77	445033	44.950	ng		97
25) Isophorone	7.69	82	823404	46.492	ng		98
26) 2-Nitrophenol	7.77	139	227441	48.798	ng		97
27) 2,4-Dimethylphenol	7.81	122	367471	51.580	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	513806	49.344	ng		98
29) 2,4-Dichlorophenol	8.02	162	334161	48.991	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	319854	44.036	ng		99
31) Naphthalene	8.18	128	1129120	44.910	ng		100
32) Benzoic acid	7.95	122	233896	44.792	ng		99
33) 4-Chloroaniline	8.23	127	287686	26.516	ng		99
34) Hexachlorobutadiene	8.29	225	161988	42.827	ng		97
35) Caprolactam	8.60	113	123947m	51.705	ng		
36) 4-Chloro-3-methylphenol	8.72	107	376002	48.874	ng		98
37) 2-Methylnaphthalene	8.87	142	746836	45.963	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	280827	43.220	ng		97
40) Hexachlorocyclopentadiene	9.02	237	192703	83.679	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103258.D
Acq On : 27 Feb 2018 13:09
Operator : SJ/JU
Sample : PB106864BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB106864BS

Manual Integrations APPROVED
Sohil
2/28/2018 11:17:25 AM

Quant Time: Feb 27 17:07:50 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	203321	46.504	ng		100
43) 2,4,5-Trichlorophenol	9.19	196	223987	44.543	ng		97
45) 1,1'-Biphenyl	9.33	154	851735	42.766	ng		99
46) 2-Chloronaphthalene	9.36	162	696374	44.196	ng		97
47) 2-Nitroaniline	9.46	65	267485	45.830	ng		95
48) Acenaphthylene	9.78	152	1040443	42.917	ng		99
49) Dimethylphthalate	9.63	163	847916	44.471	ng		100
50) 2,6-Dinitrotoluene	9.70	165	187368	46.827	ng		95
51) Acenaphthene	9.95	154	605639	42.843	ng		99
52) 3-Nitroaniline	9.87	138	154131	30.362	ng	#	94
53) 2,4-Dinitrophenol	9.99	184	155195	104.086	ng	#	21
54) Dibenzofuran	10.12	168	901769	46.470	ng		97
55) 4-Nitrophenol	10.05	139	258278	82.090	ng		92
56) 2,4-Dinitrotoluene	10.11	165	239996	47.425	ng	#	90
57) Fluorene	10.47	166	717645	43.412	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	163695	48.459	ng		99
59) Diethylphthalate	10.33	149	816855	44.794	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	315636	45.025	ng		97
61) 4-Nitroaniline	10.49	138	232750	45.903	ng		94
62) Azobenzene	10.62	77	848697	45.722	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	114341	44.473	ng		91
65) n-Nitrosodiphenylamine	10.57	169	646116	43.516	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	197237	44.401	ng		91
67) Hexachlorobenzene	11.02	284	207223	42.979	ng		95
68) Atrazine	11.10	200	209133	46.862	ng		99
69) Pentachlorophenol	11.22	266	180311	77.344	ng		98
70) Phenanthrene	11.43	178	1015852	43.287	ng		99
71) Anthracene	11.49	178	1054805	43.832	ng		99
72) Carbazole	11.64	167	1039490	43.376	ng		99
73) Di-n-butylphthalate	11.96	149	1331590	44.406	ng		100
74) Fluoranthene	12.62	202	1043099	44.232	ng		98
76) Benzidine	12.74	184	571899	48.968	ng		98
77) Pyrene	12.86	202	1060502	43.541	ng		99
79) Butylbenzylphthalate	13.46	149	595828	46.302	ng		97
80) Benzo(a)anthracene	14.04	228	908486	44.821	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	236665	32.717	ng		97
82) Chrysene	14.09	228	862465	43.822	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	793982	45.722	ng		98
84) Di-n-octyl phthalate	14.64	149	1373450	48.952	ng		100
85) Indeno(1,2,3-cd)pyrene	17.09	276	788788	50.625	ng		98
87) Benzo(b)fluoranthene	15.12	252	898681	45.612	ng		97
88) Benzo(k)fluoranthene	15.15	252	799561	43.096	ng		100
89) Benzo(a)pyrene	15.50	252	811087	46.099	ng		97
90) Dibenzo(a,h)anthracene	17.09	278	652523	47.996	ng		96
91) Benzo(g,h,i)perylene	17.54	276	681807	51.312	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103258.D
Acq On : 27 Feb 2018 13:09
Operator : SJ/JU
Sample : PB106864BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 27 17:07:50 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB106864BS

Manual Integrations APPROVED
Sohil
2/28/2018 11:17:25 AM