Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109218.D
Acq On : 22 Sep 2018 13:55
Operator : JU/SJ
Sample : PB113087BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB113087BS

Manual Integrations APPROVED
Sohil
9/24/2018 11:38:40 AM

Quant Time: Sep 24 07:05:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	101629	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	412390	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	202112	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	395938	20.00	ng		0.00
75) Chrysene-d12	13.84	240	276929	20.00	ng		0.00
86) Perylene-d12	15.23	264	236617	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	648931	105.17	ng		0.00
7) Phenol-d6	6.35	99	810512	102.94	ng		-0.01
23) Nitrobenzene-d5	7.27	82	511735	73.25	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	210081	105.44	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	969869	72.37	ng		-0.01
78) Terphenyl-d14	12.80	244	987182	87.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	109589	38.564	ng		93
3) Pyridine	3.15	79	306804	41.948	ng		90
4) n-Nitrosodimethylamine	3.09	42	141902	45.590	ng	#	98
6) Aniline	6.37	93	315781	31.348	ng		98
8) 2-Chlorophenol	6.49	128	280038	40.813	ng		98
9) Benzaldehyde	6.25	77	138999	27.481	ng		97
10) Phenol	6.36	94	346410	38.851	ng	#	66
11) bis(2-Chloroethyl)ether	6.45	93	270495	38.769	ng		97
12) 1,3-Dichlorobenzene	6.65	146	307407	38.912	ng		97
13) 1,4-Dichlorobenzene	6.72	146	313432	39.381	ng		99
14) 1,2-Dichlorobenzene	6.88	146	290718	39.596	ng		97
15) Benzyl Alcohol	6.85	79	254943	42.302	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	395446	39.958	ng		96
17) 2-Methylphenol	6.97	107	227128	40.910	ng		97
18) Hexachloroethane	7.22	117	115371	41.145	ng		99
19) n-Nitroso-di-n-propylamine	7.13	70	204061	39.553	ng		97
20) 3+4-Methylphenols	7.12	107	274746	40.988	ng	#	71
22) Acetophenone	7.12	105	383079	40.179	ng	#	92
24) Nitrobenzene	7.29	77	301400	40.577	ng		98
25) Isophorone	7.53	82	563452	44.790	ng		99
26) 2-Nitrophenol	7.60	139	136798	46.569	ng		95
27) 2,4-Dimethylphenol	7.65	122	253168	46.187	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	348800	41.886	ng		99
29) 2,4-Dichlorophenol	7.85	162	237233	41.193	ng		97
30) 1,2,4-Trichlorobenzene	7.93	180	244286	37.961	ng		96
31) Naphthalene	8.01	128	810367	42.051	ng		99
32) Benzoic acid	7.73	122	32093m	14.193	ng		
33) 4-Chloroaniline	8.06	127	202364	24.038	ng		98
34) Hexachlorobutadiene	8.13	225	147739	38.082	ng		99
35) Caprolactam	8.43	113	74463m	40.498	ng		
36) 4-Chloro-3-methylphenol	8.55	107	253075	41.760	ng		99
37) 2-Methylnaphthalene	8.70	142	548309	44.137	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	231386	35.973	ng		98
40) Hexachlorocyclopentadiene	8.86	237	282161	100.572	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109218.D
Acq On : 22 Sep 2018 13:55
Operator : JU/SJ
Sample : PB113087BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB113087BS

Manual Integrations APPROVED
Sohil
9/24/2018 11:38:40 AM

Quant Time: Sep 24 07:05:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	168806	40.890	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	180593	41.420	ng		96
45) 1,1'-Biphenyl	9.16	154	646357	39.251	ng		98
46) 2-Chloronaphthalene	9.19	162	499995	38.007	ng		99
47) 2-Nitroaniline	9.28	65	160174	42.944	ng		93
48) Acenaphthylene	9.60	152	819658	41.301	ng		99
49) Dimethylphthalate	9.47	163	587229	39.947	ng		99
50) 2,6-Dinitrotoluene	9.52	165	126981	43.615	ng		87
51) Acenaphthene	9.77	154	500595	41.720	ng		99
52) 3-Nitroaniline	9.69	138	111969	33.209	ng		91
53) 2,4-Dinitrophenol	9.80	184	53008	54.389	ng	#	17
54) Dibenzofuran	9.95	168	696005	39.004	ng		98
55) 4-Nitrophenol	9.86	139	212105	83.509	ng		87
56) 2,4-Dinitrotoluene	9.93	165	165666	44.971	ng	#	95
57) Fluorene	10.29	166	527298	41.415	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	147081	42.605	ng		91
59) Diethylphthalate	10.17	149	605472	40.673	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	245768	36.957	ng		94
61) 4-Nitroaniline	10.30	138	142773	43.421	ng		94
62) Azobenzene	10.44	77	609383	39.401	ng		96
64) 4,6-Dinitro-2-methylphenol	10.33	198	48960	33.218	ng		91
65) n-Nitrosodiphenylamine	10.40	169	508938	38.905	ng		96
66) 4-Bromophenyl-phenylether	10.76	248	168501	38.324	ng		94
67) Hexachlorobenzene	10.83	284	174938	37.463	ng		94
68) Atrazine	10.93	200	162850	40.477	ng		98
69) Pentachlorophenol	11.03	266	159452	57.053	ng		99
70) Phenanthrene	11.24	178	815964	41.275	ng		99
71) Anthracene	11.29	178	840798	41.933	ng		100
72) Carbazole	11.45	167	755146	37.852	ng		99
73) Di-n-butylphthalate	11.79	149	927092	40.367	ng		99
74) Fluoranthene	12.42	202	857605	40.593	ng		97
76) Benzidine	12.54	184	444620	44.531	ng		100
77) Pyrene	12.65	202	858006	43.231	ng		99
79) Butylbenzylphthalate	13.27	149	387727	45.919	ng		97
80) Benzo(a)anthracene	13.83	228	713849	42.796	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	148197	23.378	ng		99
82) Chrysene	13.87	228	661913	40.037	ng		100
83) Bis(2-ethylhexyl)phthalate	13.84	149	463882	43.561	ng		99
84) Di-n-octyl phthalate	14.44	149	733549	40.288	ng	#	1
85) Indeno(1,2,3-cd)pyrene	16.58	276	546867	40.809	ng	#	93
87) Benzo(b)fluoranthene	14.84	252	581225	44.703	ng		97
88) Benzo(k)fluoranthene	14.87	252	522414	42.343	ng	#	96
89) Benzo(a)pyrene	15.18	252	509169	43.460	ng		99
90) Dibenzo(a,h)anthracene	16.60	278	449804	46.798	ng	#	94
91) Benzo(g,h,i)perylene	16.99	276	475535	50.341	ng	#	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109218.D
Acq On : 22 Sep 2018 13:55
Operator : JU/SJ
Sample : PB113087BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 24 07:05:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB113087BS

Manual Integrations APPROVED
Sohil
9/24/2018 11:38:40 AM