Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
Data File : BF109829.D
Acq On : 12 Oct 2018 13:12
Operator : JU/SJ
Sample : PB113751BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB113751BS

Manual Integrations APPROVED
Sohil
10/15/2018 10:28:20 AM

Quant Time: Oct 15 05:27:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	84210	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	366181	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	177715	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	338239	20.00	ng		0.00
75) Chrysene-d12	13.83	240	242000	20.00	ng		0.00
86) Perylene-d12	15.23	264	194639	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	644320	135.81	ng		0.00
7) Phenol-d6	6.35	99	830412	131.03	ng		0.00
23) Nitrobenzene-d5	7.26	82	515333	77.58	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	231482	119.54	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	1008273	78.14	ng		0.00
78) Terphenyl-d14	12.78	244	795441	63.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	98304	39.482	ng		97
3) Pyridine	3.22	79	212919m	41.450	ng		
4) n-Nitrosodimethylamine	3.15	42	81757	44.095	ng		94
6) Aniline	6.36	93	241337	32.689	ng	#	65
8) 2-Chlorophenol	6.49	128	253500	43.447	ng		99
9) Benzaldehyde	6.25	77	122869m	30.128	ng		
10) Phenol	6.36	94	293645	40.407	ng		85
11) bis(2-Chloroethyl)ether	6.43	93	212635	35.293	ng		99
12) 1,3-Dichlorobenzene	6.63	146	270630	40.554	ng		99
13) 1,4-Dichlorobenzene	6.71	146	299201	41.131	ng		99
14) 1,2-Dichlorobenzene	6.86	146	263187	41.197	ng		100
15) Benzyl Alcohol	6.85	79	201276	42.839	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	324343	40.599	ng		97
17) 2-Methylphenol	6.96	107	198494	43.020	ng		94
18) Hexachloroethane	7.20	117	108090	42.038	ng		98
19) n-Nitroso-di-n-propylamine	7.12	70	182475	41.057	ng		98
20) 3+4-Methylphenols	7.12	107	241633	42.500	ng		95
22) Acetophenone	7.11	105	371350	41.937	ng	#	97
24) Nitrobenzene	7.28	77	270436	39.124	ng		99
25) Isophorone	7.52	82	499814	45.310	ng		100
26) 2-Nitrophenol	7.60	139	128045	39.603	ng		96
27) 2,4-Dimethylphenol	7.65	122	217934	46.677	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	313807	42.057	ng		99
29) 2,4-Dichlorophenol	7.85	162	218543	41.730	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	228560	39.424	ng		99
31) Naphthalene	8.00	128	775589	45.798	ng		99
32) Benzoic acid	7.80	122	121207	36.310	ng		94
33) 4-Chloroaniline	8.06	127	189887	25.462	ng		99
34) Hexachlorobutadiene	8.12	225	141057	39.132	ng		100
35) Caprolactam	8.43	113	62614m	40.034	ng		
36) 4-Chloro-3-methylphenol	8.55	107	234245	42.373	ng		99
37) 2-Methylnaphthalene	8.69	142	499772	45.053	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	235671	38.957	ng		99
40) Hexachlorocyclopentadiene	8.85	237	218000	82.092	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
Data File : BF109829.D
Acq On : 12 Oct 2018 13:12
Operator : JU/SJ
Sample : PB113751BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB113751BS

Manual Integrations APPROVED
Sohil
10/15/2018 10:28:20 AM

Quant Time: Oct 15 05:27:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	135610	37.499	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	159384	38.331	ng		97
45) 1,1'-Biphenyl	9.15	154	621826	39.167	ng		99
46) 2-Chloronaphthalene	9.17	162	473084	39.774	ng		99
47) 2-Nitroaniline	9.28	65	147754	41.026	ng		95
48) Acenaphthylene	9.59	152	749565	43.227	ng		100
49) Dimethylphthalate	9.46	163	537077	41.207	ng		99
50) 2,6-Dinitrotoluene	9.52	165	117373	41.544	ng		92
51) Acenaphthene	9.76	154	416201	40.489	ng		100
52) 3-Nitroaniline	9.69	138	82764	26.133	ng		96
53) 2,4-Dinitrophenol	9.80	184	76275	83.678	ng		97
54) Dibenzofuran	9.93	168	628752	40.806	ng		100
55) 4-Nitrophenol	9.87	139	118987	68.639	ng		92
56) 2,4-Dinitrotoluene	9.93	165	146955	41.680	ng		90
57) Fluorene	10.27	166	500068	43.459	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	139850	41.375	ng		97
59) Diethylphthalate	10.15	149	523361	40.527	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	239805	39.503	ng		97
61) 4-Nitroaniline	10.31	138	114519	39.045	ng		98
62) Azobenzene	10.43	77	554230	42.263	ng		98
64) 4,6-Dinitro-2-methylphenol	10.34	198	57064	34.662	ng		97
65) n-Nitrosodiphenylamine	10.39	169	460939	40.199	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	152526	39.246	ng		96
67) Hexachlorobenzene	10.82	284	161301	38.328	ng	#	91
68) Atrazine	10.92	200	144285	40.321	ng		99
69) Pentachlorophenol	11.02	266	152815	64.531	ng		98
70) Phenanthrene	11.23	178	718498	42.447	ng		100
71) Anthracene	11.28	178	782710	44.732	ng		99
72) Carbazole	11.44	167	681361	40.150	ng		99
73) Di-n-butylphthalate	11.77	149	798563	40.571	ng		99
74) Fluoranthene	12.41	202	770683	43.583	ng		99
76) Benzidine	12.54	184	363149	40.396	ng		97
77) Pyrene	12.64	202	751080	42.361	ng		99
79) Butylbenzylphthalate	13.25	149	325831	42.387	ng		96
80) Benzo(a)anthracene	13.82	228	570830	42.744	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	143164	26.624	ng		98
82) Chrysene	13.86	228	615310	43.865	ng		100
83) Bis(2-ethylhexyl)phthalate	13.82	149	399799	42.629	ng		99
84) Di-n-octyl phthalate	14.42	149	632725	42.682	ng		99
85) Indeno(1,2,3-cd)pyrene	16.59	276	452952	45.113	ng		100
87) Benzo(b)fluoranthene	14.84	252	472262	43.906	ng		98
88) Benzo(k)fluoranthene	14.86	252	469392	43.433	ng		99
89) Benzo(a)pyrene	15.17	252	439115	44.987	ng		98
90) Dibenzo(a,h)anthracene	16.59	278	379489	47.339	ng		99
91) Benzo(g,h,i)perylene	16.99	276	386205	48.245	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
Data File : BF109829.D
Acq On : 12 Oct 2018 13:12
Operator : JU/SJ
Sample : PB113751BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 15 05:27:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB113751BS

Manual Integrations APPROVED
Sohil
10/15/2018 10:28:20 AM