Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109174.D
Acq On : 20 Sep 2018 5:05
Operator : JU/SJ
Sample : PB112951BSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112951BSD

Manual Integrations APPROVED
Sohil
9/20/2018 10:06:56 AM

Quant Time: Sep 20 08:38:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	152937	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	550648	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	241231	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	402957	20.00	ng		0.00
75) Chrysene-d12	13.86	240	305580	20.00	ng		0.00
86) Perylene-d12	15.26	264	318656	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	764840	83.06	ng		0.02
7) Phenol-d6	6.37	99	974282	82.06	ng		0.00
23) Nitrobenzene-d5	7.29	82	889834	90.64	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	197904	75.59	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1530705	99.42	ng		0.00
78) Terphenyl-d14	12.81	244	1245445	96.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	139968	31.933	ng		93
3) Pyridine	3.18	79	405234	34.875	ng		90
4) n-Nitrosodimethylamine	3.13	42	192527	43.872	ng	#	98
6) Aniline	6.38	93	311215	20.279	ng	#	76
8) 2-Chlorophenol	6.51	128	399160	38.735	ng		99
9) Benzaldehyde	6.27	77	161775	21.333	ng		99
10) Phenol	6.38	94	478472	35.814	ng		79
11) bis(2-Chloroethyl)ether	6.46	93	390848	37.186	ng		97
12) 1,3-Dichlorobenzene	6.67	146	439453	37.290	ng		99
13) 1,4-Dichlorobenzene	6.74	146	438324	37.075	ng		97
14) 1,2-Dichlorobenzene	6.90	146	405364	36.984	ng		99
15) Benzyl Alcohol	6.87	79	350560	38.890	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.01	45	545253	36.207	ng		94
17) 2-Methylphenol	6.98	107	326415	38.826	ng		96
18) Hexachloroethane	7.24	117	153120	35.660	ng		98
19) n-Nitroso-di-n-propylamine	7.14	70	289967	36.946	ng		100
20) 3+4-Methylphenols	7.14	107	385704	38.093	ng	#	71
22) Acetophenone	7.13	105	545125	43.592	ng	#	95
24) Nitrobenzene	7.31	77	418642	41.359	ng		99
25) Isophorone	7.54	82	782034	46.340	ng		96
26) 2-Nitrophenol	7.62	139	153305	32.436	ng		97
27) 2,4-Dimethylphenol	7.67	122	350117	47.224	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	494331	43.528	ng		99
29) 2,4-Dichlorophenol	7.87	162	319014	40.379	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	346154	40.532	ng		96
31) Naphthalene	8.02	128	1115031	43.628	ng		99
32) Benzoic acid	7.75	122	95344m	19.681	ng		
33) 4-Chloroaniline	8.07	127	123674	10.883	ng		98
34) Hexachlorobutadiene	8.15	225	212067	40.674	ng		98
35) Caprolactam	8.45	113	95174m	36.949	ng		
36) 4-Chloro-3-methylphenol	8.57	107	323759	38.928	ng		99
37) 2-Methylnaphthalene	8.72	142	736675	44.218	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	332120	43.743	ng		98
40) Hexachlorocyclopentadiene	8.88	237	195169	51.019	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109174.D
Acq On : 20 Sep 2018 5:05
Operator : JU/SJ
Sample : PB112951BSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112951BSD

Manual Integrations APPROVED
Sohil
9/20/2018 10:06:56 AM

Quant Time: Sep 20 08:38:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	207207	40.603	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	216420	40.581	ng		97
45) 1,1'-Biphenyl	9.18	154	865078	44.824	ng		97
46) 2-Chloronaphthalene	9.20	162	660797	42.753	ng		99
47) 2-Nitroaniline	9.30	65	204568	43.053	ng		96
48) Acenaphthylene	9.62	152	1040511	44.650	ng		100
49) Dimethylphthalate	9.48	163	790074	45.824	ng		99
50) 2,6-Dinitrotoluene	9.54	165	153795	40.222	ng		92
51) Acenaphthene	9.79	154	606613	41.804	ng		98
52) 3-Nitroaniline	9.70	138	149973	33.310	ng		92
53) 2,4-Dinitrophenol	9.81	184	22892	15.535	ng	#	23
54) Dibenzofuran	9.96	168	875252	41.740	ng		98
55) 4-Nitrophenol	9.87	139	180067	54.282	ng		92
56) 2,4-Dinitrotoluene	9.94	165	190211	38.038	ng	#	91
57) Fluorene	10.30	166	628868	45.002	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	157381	35.640	ng		88
59) Diethylphthalate	10.18	149	762898	43.817	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	314200	41.990	ng		92
61) 4-Nitroaniline	10.31	138	154879	36.207	ng		96
62) Azobenzene	10.45	77	722101	40.516	ng		94
64) 4,6-Dinitro-2-methylphenol	10.35	198	22846	11.850	ng		79
65) n-Nitrosodiphenylamine	10.41	169	613899	46.575	ng		95
66) 4-Bromophenyl-phenylether	10.78	248	205105	45.149	ng	#	84
67) Hexachlorobenzene	10.85	284	212411	43.713	ng		92
68) Atrazine	10.94	200	195313	46.289	ng		97
69) Pentachlorophenol	11.04	266	150896	48.537	ng		98
70) Phenanthrene	11.25	178	896009	45.361	ng		99
71) Anthracene	11.31	178	915967	45.745	ng		100
72) Carbazole	11.46	167	797450	40.232	ng		99
73) Di-n-butylphthalate	11.80	149	1017772	43.865	ng		100
74) Fluoranthene	12.44	202	884573	42.419	ng		97
76) Benzidine	12.55	184	279503	25.839	ng		98
77) Pyrene	12.66	202	892368	39.315	ng		100
79) Butylbenzylphthalate	13.28	149	397134	39.173	ng		93
80) Benzo(a)anthracene	13.85	228	818091	44.219	ng		100
81) 3,3'-Dichlorobenzidine	13.81	252	163337	21.878	ng		97
82) Chrysene	13.88	228	802235	43.340	ng		100
83) Bis(2-ethylhexyl)phthalate	13.85	149	499271	40.673	ng		100
84) Di-n-octyl phthalate	14.46	149	972576	46.718	ng		98
85) Indeno(1,2,3-cd)pyrene	16.61	276	713105	48.187	ng	#	93
87) Benzo(b)fluoranthene	14.86	252	850755	48.260	ng		98
88) Benzo(k)fluoranthene	14.89	252	728582m	44.249	ng		
89) Benzo(a)pyrene	15.20	252	740793	47.318	ng		98
90) Dibenzo(a,h)anthracene	16.63	278	596829	45.376	ng	#	95
91) Benzo(g,h,i)perylene	17.02	276	575804	43.788	ng	#	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109174.D
Acq On : 20 Sep 2018 5:05
Operator : JU/SJ
Sample : PB112951BSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Sep 20 08:38:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB112951BSD

Manual Integrations APPROVED
Sohil
9/20/2018 10:06:56 AM