Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098483.D
Acq On : 13 Sep 2017 12:06
Operator : SJ/JU
Sample : PB102212BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102212BS

Manual Integrations APPROVED
Sohil
9/14/2017 5:52:15 PM

Quant Time: Sep 13 13:41:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	164782	20.00	ng		-0.02
21) Naphthalene-d8	7.94	136	692879	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	320606	20.00	ng		-0.02
63) Phenanthrene-d10	11.17	188	620283	20.00	ng		-0.02
75) Chrysene-d12	13.80	240	494289	20.00	ng		-0.01
86) Perylene-d12	15.20	264	409245	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1466062	131.54	ng		0.00
7) Phenol-d6	6.31	99	1782766	125.99	ng		-0.01
23) Nitrobenzene-d5	7.23	82	1113157	89.57	ng		-0.01
41) 2,4,6-Tribromophenol	10.48	330	364043	170.13	ng		-0.01
44) 2-Fluorobiphenyl	9.02	172	1887909	99.81	ng		-0.02
78) Terphenyl-d14	12.76	244	1826030	79.74	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	216996	37.723	ng		90
3) Pyridine	3.04	79	618402	40.481	ng	#	85
4) n-Nitrosodimethylamine	3.00	42	293357	39.170	ng		97
6) Aniline	6.32	93	619428	34.893	ng	#	1
8) 2-Chlorophenol	6.45	128	535972	43.734	ng		98
9) Benzaldehyde	6.20	77	301399	32.583	ng		94
10) Phenol	6.32	94	675583	41.104	ng	#	73
11) bis(2-Chloroethyl)ether	6.40	93	512113	41.326	ng		93
12) 1,3-Dichlorobenzene	6.59	146	544456	44.138	ng		97
13) 1,4-Dichlorobenzene	6.67	146	545034	43.137	ng		94
14) 1,2-Dichlorobenzene	6.82	146	505046	43.874	ng		99
15) Benzyl Alcohol	6.81	79	432877	45.965	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.94	45	823108	40.369	ng		89
17) 2-Methylphenol	6.93	107	445276	44.557	ng		91
18) Hexachloroethane	7.16	117	204455	42.253	ng		88
19) n-Nitroso-di-n-propylamine	7.07	70	370635	41.640	ng		99
20) 3+4-Methylphenols	7.08	107	567677	45.014	ng	#	76
22) Acetophenone	7.07	105	733513	40.960	ng	#	91
24) Nitrobenzene	7.25	77	578892	40.892	ng		96
25) Isophorone	7.49	82	1032246	41.050	ng		98
26) 2-Nitrophenol	7.56	139	286356	50.098	ng	#	91
27) 2,4-Dimethylphenol	7.60	122	482623	44.293	ng		95
28) bis(2-Chloroethoxy)methane	7.70	93	659629	42.990	ng		99
29) 2,4-Dichlorophenol	7.80	162	434030	47.894	ng		94
30) 1,2,4-Trichlorobenzene	7.88	180	453408	45.994	ng		99
31) Naphthalene	7.96	128	1517829	44.313	ng		99
32) Benzoic acid	7.75	122	147187	24.763	ng		98
33) 4-Chloroaniline	8.02	127	562633	40.417	ng		99
34) Hexachlorobutadiene	8.07	225	229755	45.400	ng		99
35) Caprolactam	8.40	113	156896m	50.207	ng		
36) 4-Chloro-3-methylphenol	8.51	107	502961	44.753	ng	#	83
37) 2-Methylnaphthalene	8.65	142	998527	48.126	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	414715	41.526	ng		99
40) Hexachlorocyclopentadiene	8.80	237	284003	95.007	ng		97

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098483.D
Acq On : 13 Sep 2017 12:06
Operator : SJ/JU
Sample : PB102212BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102212BS

Manual Integrations APPROVED
Sohil
9/14/2017 5:52:15 PM

Quant Time: Sep 13 13:41:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	279059	47.573	ng		90
43) 2,4,5-Trichlorophenol	8.98	196	298183	48.633	ng		96
45) 1,1'-Biphenyl	9.12	154	1202670	41.911	ng		98
46) 2-Chloronaphthalene	9.14	162	908346	44.322	ng		93
47) 2-Nitroaniline	9.25	65	357340	45.429	ng		99
48) Acenaphthylene	9.55	152	1371581	45.012	ng		99
49) Dimethylphthalate	9.42	163	1101210	44.372	ng		100
50) 2,6-Dinitrotoluene	9.49	165	249530	48.949	ng	#	74
51) Acenaphthene	9.72	154	868481	44.837	ng		98
52) 3-Nitroaniline	9.66	138	244838	39.787	ng		97
53) 2,4-Dinitrophenol	9.77	184	136100	58.986	ng	#	76
54) Dibenzofuran	9.90	168	1212882	47.531	ng		99
55) 4-Nitrophenol	9.84	139	350170	99.044	ng	#	48
56) 2,4-Dinitrotoluene	9.89	165	310437	50.090	ng	#	50
57) Fluorene	10.24	166	961104	45.505	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.02	232	231573	56.200	ng		95
59) Diethylphthalate	10.12	149	1062846	45.032	ng		98
60) 4-Chlorophenyl-phenylether	10.23	204	451602	46.292	ng		91
61) 4-Nitroaniline	10.27	138	302014	48.597	ng		88
62) Azobenzene	10.39	77	1117332	43.924	ng		97
64) 4,6-Dinitro-2-methylphenol	10.30	198	139113	37.748	ng		86
65) n-Nitrosodiphenylamine	10.35	169	901737	44.771	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	277168	47.081	ng		99
67) Hexachlorobenzene	10.79	284	273233	45.757	ng	#	92
68) Atrazine	10.89	200	292990	47.252	ng		98
69) Pentachlorophenol	10.99	266	220700	83.190	ng		96
70) Phenanthrene	11.20	178	1548956	47.105	ng		98
71) Anthracene	11.25	178	1591048	47.127	ng		99
72) Carbazole	11.41	167	1453896	46.208	ng		99
73) Di-n-butylphthalate	11.74	149	1690345	44.838	ng		99
74) Fluoranthene	12.38	202	1642074	49.883	ng		99
76) Benzidine	12.51	184	1109341	50.711	ng	#	93
77) Pyrene	12.61	202	1684228	43.193	ng		100
79) Butylbenzylphthalate	13.23	149	770529	45.550	ng	#	76
80) Benzo(a)anthracene	13.80	228	1335087	46.070	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	392037	34.811	ng	#	96
82) Chrysene	13.83	228	1304630	44.537	ng		99
83) Bis(2-ethylhexyl)phthalate	13.79	149	929882	43.800	ng	#	99
84) Di-n-octyl phthalate	14.40	149	1660710	45.593	ng		99
85) Indeno(1,2,3-cd)pyrene	16.54	276	946873	46.073	ng		99
87) Benzo(b)fluoranthene	14.81	252	1183499	45.993	ng		98
88) Benzo(k)fluoranthene	14.84	252	1134919m	47.244	ng		
89) Benzo(a)pyrene	15.14	252	1080148	47.117	ng		99
90) Dibenzo(a,h)anthracene	16.55	278	774765	46.459	ng		99
91) Benzo(g,h,i)perylene	16.94	276	787853	46.971	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098483.D
Acq On : 13 Sep 2017 12:06
Operator : SJ/JU
Sample : PB102212BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 13 13:41:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB102212BS

Manual Integrations APPROVED
Sohil
9/14/2017 5:52:15 PM