Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101398.D
Acq On : 14 Dec 2017 17:35
Operator : SJ/JU
Sample : PB104879BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104879BS

Manual Integrations APPROVED
Sohil
12/15/2017 6:44:01 PM

Quant Time: Dec 15 00:05:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 15:42:32 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	173779	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	713762	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	325191	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	613551	20.00	ng		0.00
75) Chrysene-d12	14.00	240	458406	20.00	ng		0.00
86) Perylene-d12	15.47	264	350070	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1323493	113.45	ng		0.02
7) Phenol-d6	6.46	99	1630917	112.33	ng		0.00
23) Nitrobenzene-d5	7.39	82	1074467	83.80	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	377298	120.41	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1734121	82.72	ng		0.00
78) Terphenyl-d14	12.93	244	1661529	87.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	223224	37.238	ng		95
3) Pyridine	3.43	79	598946	35.961	ng		95
4) n-Nitrosodimethylamine	3.39	42	315567	41.151	ng		96
6) Aniline	6.49	93	173965	8.622	ng	#	82
8) 2-Chlorophenol	6.61	128	480190	39.128	ng		100
9) Benzaldehyde	6.37	77	156512	14.596	ng		98
10) Phenol	6.47	94	612921	37.038	ng		94
11) bis(2-Chloroethyl)ether	6.56	93	520667	40.111	ng		97
12) 1,3-Dichlorobenzene	6.76	146	531049	38.341	ng		100
13) 1,4-Dichlorobenzene	6.83	146	534036	37.757	ng		99
14) 1,2-Dichlorobenzene	6.99	146	484025	38.018	ng		98
15) Benzyl Alcohol	6.97	79	363849	36.408	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	843520	42.460	ng		83
17) 2-Methylphenol	7.08	107	412918	36.578	ng	#	91
18) Hexachloroethane	7.32	117	193850	39.420	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	351090	36.821	ng		92
20) 3+4-Methylphenols	7.23	107	526615	44.023	ng	#	64
22) Acetophenone	7.23	105	633632	38.906	ng	#	91
24) Nitrobenzene	7.40	77	558489	39.355	ng		96
25) Isophorone	7.65	82	1036617	40.300	ng		98
26) 2-Nitrophenol	7.72	139	274956	45.099	ng		100
27) 2,4-Dimethylphenol	7.76	122	455481	43.976	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	648935	39.716	ng		99
29) 2,4-Dichlorophenol	7.97	162	426617	41.691	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	420529	38.943	ng		95
31) Naphthalene	8.12	128	1370546	38.141	ng		99
32) Benzoic acid	7.92	122	291831	42.842	ng		96
33) 4-Chloroaniline	8.18	127	94888	6.076	ng		95
34) Hexachlorobutadiene	8.23	225	234434	37.536	ng		98
35) Caprolactam	8.57	113	153160m	43.106	ng		
36) 4-Chloro-3-methylphenol	8.67	107	459065	40.817	ng		98
37) 2-Methylnaphthalene	8.82	142	925640	39.538	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	393565	35.846	ng		97
40) Hexachlorocyclopentadiene	8.96	237	215634	85.001	ng		97

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101398.D
Acq On : 14 Dec 2017 17:35
Operator : SJ/JU
Sample : PB104879BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104879BS

Manual Integrations APPROVED
Sohil
12/15/2017 6:44:01 PM

Quant Time: Dec 15 00:05:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 15:42:32 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	281943	42.655	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	295742	40.863	ng		94
45) 1,1'-Biphenyl	9.28	154	1049735	36.399	ng		98
46) 2-Chloronaphthalene	9.30	162	845306	38.307	ng		99
47) 2-Nitroaniline	9.41	65	312014	40.930	ng		88
48) Acenaphthylene	9.72	152	1258122	36.097	ng		100
49) Dimethylphthalate	9.58	163	985994	37.695	ng		99
50) 2,6-Dinitrotoluene	9.65	165	218716	41.141	ng	#	86
51) Acenaphthene	9.89	154	773068	36.918	ng		99
52) 3-Nitroaniline	9.82	138	130861	19.743	ng		96
53) 2,4-Dinitrophenol	9.95	184	171591	91.037	ng	#	18
54) Dibenzofuran	10.06	168	1054293	39.618	ng		97
55) 4-Nitrophenol	10.00	139	267973	92.720	ng		89
56) 2,4-Dinitrotoluene	10.07	165	253797	42.372	ng	#	91
57) Fluorene	10.41	166	872491	38.757	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.19	232	236289	45.442	ng		89
59) Diethylphthalate	10.28	149	978736	37.785	ng		96
60) 4-Chlorophenyl-phenylether	10.40	204	418400	38.780	ng		89
61) 4-Nitroaniline	10.45	138	206197	30.950	ng		97
62) Azobenzene	10.56	77	1015869	37.859	ng		96
64) 4,6-Dinitro-2-methylphenol	10.48	198	127687	40.781	ng		91
65) n-Nitrosodiphenylamine	10.52	169	834402	36.831	ng		94
66) 4-Bromophenyl-phenylether	10.89	248	267812	38.847	ng		90
67) Hexachlorobenzene	10.96	284	276390	37.880	ng		94
68) Atrazine	11.05	200	263333	38.982	ng		96
69) Pentachlorophenol	11.16	266	248931	87.098	ng		98
70) Phenanthrene	11.37	178	1283758	37.624	ng		98
71) Anthracene	11.43	178	1317347	37.797	ng		100
72) Carbazole	11.59	167	1181006	36.192	ng		99
73) Di-n-butylphthalate	11.90	149	1482750	37.438	ng		100
74) Fluoranthene	12.57	202	1339441	37.400	ng		97
76) Benzidine	12.69	184	68340	3.530	ng		99
77) Pyrene	12.80	202	1400449	40.707	ng		99
79) Butylbenzylphthalate	13.40	149	643691	41.351	ng		94
80) Benzo(a)anthracene	13.99	228	1178201	38.924	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	228264	23.128	ng		98
82) Chrysene	14.03	228	1114310	38.990	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	825242	41.854	ng		99
84) Di-n-octyl phthalate	14.57	149	1336500	38.008	ng		97
85) Indeno(1,2,3-cd)pyrene	16.96	276	851282	33.449	ng		96
87) Benzo(b)fluoranthene	15.04	252	983281	46.082	ng		98
88) Benzo(k)fluoranthene	15.07	252	830582	40.036	ng		98
89) Benzo(a)pyrene	15.41	252	842668	42.840	ng		99
90) Dibenzo(a,h)anthracene	16.96	278	701612	41.544	ng		96
91) Benzo(g,h,i)perylene	17.40	276	755476	45.175	ng		95

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101398.D
Acq On : 14 Dec 2017 17:35
Operator : SJ/JU
Sample : PB104879BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 15 00:05:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 15:42:32 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB104879BS

Manual Integrations APPROVED
Sohil
12/15/2017 6:44:01 PM