Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107120.D
Acq On : 5 Jul 2018 12:13
Operator : JU/SJ
Sample : PB110604BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB110604BSD

Manual Integrations APPROVED
Sohil
7/6/2018 8:44:57 AM

Quant Time: Jul 05 13:12:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	81474	20.00	ng		-0.01
21) Naphthalene-d8	8.23	136	326858	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	178231	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	374919	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	332430	20.00	ng		-0.02
86) Perylene-d12	15.68	264	256683	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	506156	105.20	ng		0.00
7) Phenol-d6	6.60	99	645077	107.36	ng		-0.01
23) Nitrobenzene-d5	7.52	82	422802	71.89	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	236088	114.29	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	786600	72.54	ng		-0.02
78) Terphenyl-d14	13.07	244	1023294	74.56	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	68671	27.761	ng		97
3) Pyridine	3.65	79	202075	30.121	ng		96
4) n-Nitrosodimethylamine	3.62	42	87463	30.696	ng		87
6) Aniline	6.62	93	187820	23.044	ng	#	11
8) 2-Chlorophenol	6.75	128	197787	37.479	ng		95
9) Benzaldehyde	6.51	77	107070	23.374	ng		98
10) Phenol	6.62	94	235444	34.335	ng		77
11) bis(2-Chloroethyl)ether	6.69	93	197066	34.811	ng		97
12) 1,3-Dichlorobenzene	6.89	146	225809	36.533	ng		98
13) 1,4-Dichlorobenzene	6.97	146	224310	35.896	ng		98
14) 1,2-Dichlorobenzene	7.12	146	209018	36.498	ng		98
15) Benzyl Alcohol	7.10	79	163276	33.842	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	269216	36.246	ng	#	39
17) 2-Methylphenol	7.21	107	171030	37.870	ng	#	89
18) Hexachloroethane	7.45	117	78943	35.924	ng	#	88
19) n-Nitroso-di-n-propylamine	7.36	70	133643	33.742	ng		96
20) 3+4-Methylphenols	7.37	107	208782	42.043	ng	#	82
22) Acetophenone	7.36	105	269413	36.842	ng	#	95
24) Nitrobenzene	7.54	77	214890	35.786	ng		99
25) Isophorone	7.77	82	401629	38.752	ng		99
26) 2-Nitrophenol	7.85	139	114582	40.421	ng		93
27) 2,4-Dimethylphenol	7.89	122	196289	44.800	ng		99
28) bis(2-Chloroethoxy)methane	7.97	93	255365	36.697	ng		98
29) 2,4-Dichlorophenol	8.10	162	187345	40.842	ng		90
30) 1,2,4-Trichlorobenzene	8.17	180	206425	40.850	ng		97
31) Naphthalene	8.25	128	579307	37.909	ng		99
32) Benzoic acid	8.04	122	94794	31.924	ng		96
33) 4-Chloroaniline	8.31	127	90593	14.128	ng		99
34) Hexachlorobutadiene	8.36	225	131914	40.063	ng		99
35) Caprolactam	8.70	113	59328m	39.678	ng		
36) 4-Chloro-3-methylphenol	8.81	107	198803	41.175	ng		98
37) 2-Methylnaphthalene	8.95	142	433319	42.780	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	228695	38.101	ng	#	96
40) Hexachlorocyclopentadiene	9.09	237	144331	46.737	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107120.D
Acq On : 5 Jul 2018 12:13
Operator : JU/SJ
Sample : PB110604BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110604BSD

Manual Integrations APPROVED
Sohil
7/6/2018 8:44:57 AM

Quant Time: Jul 05 13:12:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	129671	32.501	ng		93
43) 2,4,5-Trichlorophenol	9.28	196	135382	32.518	ng	#	87
45) 1,1'-Biphenyl	9.41	154	519113	36.547	ng		98
46) 2-Chloronaphthalene	9.44	162	388887	34.782	ng		94
47) 2-Nitroaniline	9.54	65	125889	33.484	ng		94
48) Acenaphthylene	9.86	152	602658	34.141	ng		99
49) Dimethylphthalate	9.71	163	468967	35.082	ng	#	97
50) 2,6-Dinitrotoluene	9.78	165	109777	38.782	ng		91
51) Acenaphthene	10.03	154	369883	33.276	ng		98
52) 3-Nitroaniline	9.95	138	68748	21.106	ng		98
53) 2,4-Dinitrophenol	10.08	184	95339	65.799	ng	#	15
54) Dibenzofuran	10.20	168	551189	36.213	ng		97
55) 4-Nitrophenol	10.14	139	84641	37.227	ng		94
56) 2,4-Dinitrotoluene	10.20	165	140346	37.985	ng		94
57) Fluorene	10.55	166	451790	37.405	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	118944	35.941	ng	#	76
59) Diethylphthalate	10.41	149	439238	34.044	ng	#	93
60) 4-Chlorophenyl-phenylether	10.53	204	232050	36.719	ng	#	87
61) 4-Nitroaniline	10.58	138	118722	36.726	ng		95
62) Azobenzene	10.70	77	423891	33.364	ng		91
64) 4,6-Dinitro-2-methylphenol	10.61	198	83941	36.220	ng	#	68
65) n-Nitrosodiphenylamine	10.65	169	399932	31.714	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	168406	37.637	ng	#	77
67) Hexachlorobenzene	11.09	284	178731	38.165	ng	#	84
68) Atrazine	11.18	200	151326	37.747	ng		94
69) Pentachlorophenol	11.30	266	99372	42.527	ng		99
70) Phenanthrene	11.52	178	676201	37.394	ng		98
71) Anthracene	11.57	178	695090	37.659	ng		99
72) Carbazole	11.72	167	641094	37.099	ng		98
73) Di-n-butylphthalate	12.03	149	693290	34.054	ng		99
74) Fluoranthene	12.71	202	778956	39.082	ng		97
76) Benzidine	12.82	184	280930	29.673	ng		97
77) Pyrene	12.94	202	778120	35.496	ng		100
79) Butylbenzylphthalate	13.54	149	307298	34.095	ng	#	94
80) Benzo(a)anthracene	14.14	228	758369	37.431	ng		100
81) 3,3'-Dichlorobenzidine	14.09	252	125165	17.577	ng	#	95
82) Chrysene	14.18	228	685116	36.756	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	385285	33.437	ng	#	96
84) Di-n-octyl phthalate	14.71	149	645823	34.384	ng		95
85) Indeno(1,2,3-cd)pyrene	17.27	276	559427	35.366	ng	#	89
87) Benzo(b)fluoranthene	15.22	252	621110	38.953	ng	#	96
88) Benzo(k)fluoranthene	15.25	252	596324	39.272	ng	#	95
89) Benzo(a)pyrene	15.62	252	555805	39.211	ng	#	96
90) Dibenzo(a,h)anthracene	17.28	278	462191	38.474	ng	#	93
91) Benzo(g,h,i)perylene	17.75	276	483703	41.195	ng	#	89

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107120.D
Acq On : 5 Jul 2018 12:13
Operator : JU/SJ
Sample : PB110604BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 05 13:12:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB110604BSD

Manual Integrations APPROVED
Sohil
7/6/2018 8:44:57 AM