Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115495.D
Acq On : 11 Jul 2019 12:21
Operator : HP/JU
Sample : PB121170BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121170BS

Manual Integrations APPROVED
mohammad
7/12/2019 10:37:31 PM

Quant Time: Jul 12 03:45:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	250507	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	969521	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	475485	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	929023	20.00	ng	0.00
76) Chrysene-d12	14.06	240	639320	20.00	ng	0.00
87) Perylene-d12	15.54	264	621438	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1868558	115.25	ng	0.02
7) Phenol-d6	6.54	99	2391630	115.98	ng	0.02
23) Nitrobenzene-d5	7.46	82	1536573	93.64	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	748653	142.40	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2531429	93.42	ng	0.00
79) Terphenyl-d14	13.02	244	2674504	85.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.82	88	199993	25.147	ng	99
3) Pyridine	3.57	79	514129	23.379	ng	100
4) n-Nitrosodimethylamine	3.50	42	197885	22.191	ng	99
6) Aniline	6.56	93	560699	19.269	ng	99
8) 2-Chlorophenol	6.69	128	469168	25.627	ng	92
9) Benzaldehyde	6.45	77	382089	30.626	ng	99
10) Phenol	6.55	94	574574	23.289	ng	89
11) bis(2-Chloroethyl)ether	6.63	93	451700	24.679	ng	97
12) 1,3-Dichlorobenzene	6.84	146	522861	26.068	ng	99
13) 1,4-Dichlorobenzene	6.92	146	523676	26.065	ng	100
14) 1,2-Dichlorobenzene	7.07	146	479420	25.773	ng	100
15) Benzyl Alcohol	7.04	79	435211	26.302	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	605448	23.658	ng	99
17) 2-Methylphenol	7.15	107	414150	26.405	ng	99
18) Hexachloroethane	7.41	117	191604	25.600	ng	95
19) n-Nitroso-di-n-propylamine	7.32	70	337883	24.220	ng	99
20) 3+4-Methylphenols	7.30	107	496232	26.784	ng	95
22) Acetophenone	7.30	105	666983	28.710	ng	97
24) Nitrobenzene	7.48	77	517854	27.944	ng	99
25) Isophorone	7.72	82	952645	26.784	ng	99
26) 2-Nitrophenol	7.79	139	270841	35.548	ng	99
27) 2,4-Dimethylphenol	7.83	122	463135	31.879	ng	100
28) bis(2-Chloroethoxy)methane	7.93	93	581950	26.534	ng	100
29) 2,4-Dichlorophenol	8.03	162	423852	29.292	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	462450	28.708	ng	99
31) Naphthalene	8.20	128	1404825	29.172	ng	100
32) Benzoic acid	7.96	122	322690	32.693	ng	99
33) 4-Chloroaniline	8.25	127	296277	13.789	ng	98
34) Hexachlorobutadiene	8.32	225	258196	28.263	ng	99
35) Caprolactam	8.62	113	152732m	32.408	ng	
36) 4-Chloro-3-methylphenol	8.73	107	441001	28.813	ng	98
37) 2-Methylnaphthalene	8.89	142	937877	29.138	ng	99
38) 1-Methylnaphthalene	8.99	142	884165	28.790	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	421514	30.815	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115495.D
Acq On : 11 Jul 2019 12:21
Operator : HP/JU
Sample : PB121170BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121170BS

Manual Integrations APPROVED
mohammad
7/12/2019 10:37:31 PM

Quant Time: Jul 12 03:45:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	480135	60.560 ng	98
43) 2,4,6-Trichlorophenol	9.17	196	312196	31.349 ng	98
44) 2,4,5-Trichlorophenol	9.21	196	317192	30.716 ng	96
46) 1,1'-Biphenyl	9.36	154	1155052	30.900 ng	100
47) 2-Chloronaphthalene	9.39	162	907327	29.369 ng	99
48) 2-Nitroaniline	9.47	65	272739	30.048 ng	99
49) Acenaphthylene	9.80	152	1377535	29.450 ng	99
50) Dimethylphthalate	9.66	163	1045666	29.300 ng	100
51) 2,6-Dinitrotoluene	9.72	165	245922	31.773 ng	97
52) Acenaphthene	9.97	154	953924	32.405 ng	100
53) 3-Nitroaniline	9.88	138	176986	19.688 ng	95
54) 2,4-Dinitrophenol	9.99	184	243722	73.836 ng	92
55) Dibenzofuran	10.15	168	1234864	29.779 ng	100
56) 4-Nitrophenol	10.05	139	422638	60.766 ng	98
57) 2,4-Dinitrotoluene	10.12	165	323849	32.923 ng	91
58) Fluorene	10.49	166	909717	27.829 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	276612	31.008 ng	99
60) Diethylphthalate	10.36	149	1000420	28.479 ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	472126	29.591 ng	99
62) 4-Nitroaniline	10.50	138	264912	30.022 ng	97
63) Azobenzene	10.64	77	988550	27.300 ng	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	168332	39.497 ng	87
66) n-Nitrosodiphenylamine	10.60	169	859888	29.376 ng	100
67) 4-Bromophenyl-phenylether	10.97	248	300174	28.796 ng	99
68) Hexachlorobenzene	11.04	284	337918	28.888 ng	99
69) Atrazine	11.12	200	278593	30.753 ng	100
70) Pentachlorophenol	11.23	266	409887	57.498 ng	99
71) Phenanthrene	11.45	178	1393128	28.513 ng	99
72) Anthracene	11.50	178	1444572	29.484 ng	100
73) Carbazole	11.65	167	1278215	28.517 ng	100
74) Di-n-butylphthalate	11.98	149	1505470	27.791 ng	99
75) Fluoranthene	12.63	202	1465742	28.491 ng	99
77) Benzidine	12.75	184	787164	31.574 ng	99
78) Pyrene	12.86	202	1494558	30.062 ng	99
80) Butylbenzylphthalate	13.48	149	643834	29.639 ng	98
81) Benzo(a)anthracene	14.05	228	1207347	29.474 ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	312503	21.024 ng	96
83) Chrysene	14.09	228	1239495	29.449 ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	812490	30.203 ng	100
85) Di-n-octyl phthalate	14.66	149	1447481	30.225 ng	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	1030247	27.609 ng	100
88) Benzo(b)fluoranthene	15.11	252	1165560	28.807 ng	99
89) Benzo(k)fluoranthene	15.14	252	1095141	30.434 ng	99
90) Benzo(a)pyrene	15.48	252	1061971	30.431 ng	99
91) Dibenzo(a,h)anthracene	17.04	278	854975	28.670 ng	99
92) Benzo(g,h,i)perylene	17.47	276	841885	29.826 ng	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115495.D
Acq On : 11 Jul 2019 12:21
Operator : HP/JU
Sample : PB121170BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 12 03:45:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB121170BS

Manual Integrations APPROVED
mohammad
7/12/2019 10:37:31 PM