Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115666.D
Acq On : 19 Jul 2019 9:43
Operator : HP/JU
Sample : PB121516BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121516BSD

Manual Integrations APPROVED
mohammad
7/22/2019 10:01:10 AM

Quant Time: Jul 19 14:13:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	167749	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	678415	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	336292	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	629665	20.00	ng		0.00
76) Chrysene-d12	14.04	240	431445	20.00	ng		0.00
87) Perylene-d12	15.52	264	406536	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	836509	81.57	ng		0.00
7) Phenol-d6	6.51	99	1058248	81.32	ng		0.00
23) Nitrobenzene-d5	7.44	82	972838	83.38	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	311555	79.37	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1758947	91.55	ng		-0.01
79) Terphenyl-d14	12.99	244	1809694	77.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	195571	38.230	ng		98
3) Pyridine	3.52	79	496726	35.789	ng		100
4) n-Nitrosodimethylamine	3.47	42	204141	40.544	ng		93
6) Aniline	6.54	93	527731	29.141	ng		99
8) 2-Chlorophenol	6.67	128	478645	40.594	ng		97
9) Benzaldehyde	6.43	77	253422	31.164	ng		97
10) Phenol	6.52	94	611113	40.454	ng		83
11) bis(2-Chloroethyl)ether	6.61	93	457069	39.741	ng		99
12) 1,3-Dichlorobenzene	6.82	146	506065	38.174	ng		99
13) 1,4-Dichlorobenzene	6.90	146	511450	38.667	ng		96
14) 1,2-Dichlorobenzene	7.05	146	474281	39.225	ng		97
15) Benzyl Alcohol	7.02	79	409100	39.630	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	612433	40.447	ng		98
17) 2-Methylphenol	7.13	107	419398	41.274	ng		99
18) Hexachloroethane	7.39	117	189859	38.672	ng		93
19) n-Nitroso-di-n-propylamine	7.29	70	330279	38.916	ng		97
20) 3+4-Methylphenols	7.29	107	486181	40.281	ng	#	89
22) Acetophenone	7.29	105	646869	42.206	ng	#	99
24) Nitrobenzene	7.46	77	521014	41.402	ng		94
25) Isophorone	7.70	82	958309	41.047	ng		100
26) 2-Nitrophenol	7.77	139	266612	41.161	ng		98
27) 2,4-Dimethylphenol	7.82	122	465421	48.023	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	590079	41.199	ng		99
29) 2,4-Dichlorophenol	8.02	162	415812	41.254	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	451713	39.647	ng		99
31) Naphthalene	8.19	128	1380587	42.020	ng		97
32) Benzoic acid	7.94	122	290773	36.559	ng		97
33) 4-Chloroaniline	8.23	127	351271	24.137	ng		98
34) Hexachlorobutadiene	8.30	225	254424	38.941	ng		99
35) Caprolactam	8.60	113	124624m	40.013	ng		
36) 4-Chloro-3-methylphenol	8.72	107	433182	41.432	ng		97
37) 2-Methylnaphthalene	8.88	142	933500	42.862	ng		97
38) 1-Methylnaphthalene	8.97	142	870737	42.092	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	417477	41.224	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115666.D
Acq On : 19 Jul 2019 9:43
Operator : HP/JU
Sample : PB121516BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 19 14:13:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB121516BSD

Manual Integrations APPROVED
mohammad
7/22/2019 10:01:10 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	485066	83.968	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	292838	39.542	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	306524	40.416	ng		99
46) 1,1'-Biphenyl	9.34	154	1132477	43.075	ng		97
47) 2-Chloronaphthalene	9.37	162	889114	40.615	ng		96
48) 2-Nitroaniline	9.46	65	267353	39.458	ng		97
49) Acenaphthylene	9.78	152	1351818	41.675	ng		99
50) Dimethylphthalate	9.64	163	1015628	40.141	ng		99
51) 2,6-Dinitrotoluene	9.70	165	230271	40.047	ng		93
52) Acenaphthene	9.96	154	939349	44.854	ng		99
53) 3-Nitroaniline	9.87	138	174103	26.496	ng		97
54) 2,4-Dinitrophenol	9.98	184	233799	79.197	ng		95
55) Dibenzofuran	10.13	168	1205958	40.550	ng		99
56) 4-Nitrophenol	10.03	139	367838	73.412	ng		97
57) 2,4-Dinitrotoluene	10.10	165	305564	41.019	ng		96
58) Fluorene	10.47	166	888405	41.786	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	258773	40.816	ng		99
60) Diethylphthalate	10.34	149	971544	40.982	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	464942	39.434	ng		96
62) 4-Nitroaniline	10.48	138	236335	37.497	ng		94
63) Azobenzene	10.62	77	979680	42.605	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	156349	40.641	ng		97
66) n-Nitrosodiphenylamine	10.57	169	817000	41.712	ng		98
67) 4-Bromophenyl-phenylether	10.95	248	288113	40.040	ng		95
68) Hexachlorobenzene	11.02	284	321512	39.126	ng	#	92
69) Atrazine	11.10	200	264442	41.155	ng		99
70) Pentachlorophenol	11.22	266	363916	72.408	ng		99
71) Phenanthrene	11.43	178	1320478	40.912	ng		98
72) Anthracene	11.49	178	1367178	40.987	ng		99
73) Carbazole	11.63	167	1188644	40.636	ng		100
74) Di-n-butylphthalate	11.96	149	1468785	40.765	ng		99
75) Fluoranthene	12.62	202	1353190	39.675	ng		99
77) Benzidine	12.73	184	660838	43.237	ng		100
78) Pyrene	12.85	202	1377284	37.678	ng		98
80) Butylbenzylphthalate	13.46	149	625186	40.121	ng		99
81) Benzo(a)anthracene	14.03	228	1136572	39.987	ng		98
82) 3,3'-Dichlorobenzidine	13.99	252	291525	28.851	ng		99
83) Chrysene	14.07	228	1125520	39.446	ng		98
84) Bis(2-ethylhexyl)phthalate	14.02	149	839298	43.483	ng	#	98
85) Di-n-octyl phthalate	14.63	149	1375163	44.777	ng		99
86) Indeno(1,2,3-cd)pyrene	17.00	276	948182	39.114	ng		99
88) Benzo(b)fluoranthene	15.09	252	1046308	39.970	ng		98
89) Benzo(k)fluoranthene	15.12	252	983649	42.146	ng		98
90) Benzo(a)pyrene	15.46	252	933779	41.502	ng		98
91) Dibenzo(a,h)anthracene	17.02	278	788765	39.933	ng		99
92) Benzo(g,h,i)perylene	17.45	276	783426	39.769	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115666.D
Acq On : 19 Jul 2019 9:43
Operator : HP/JU
Sample : PB121516BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 19 14:13:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB121516BSD

Manual Integrations APPROVED
mohammad
7/22/2019 10:01:10 AM