Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
Data File : BF115099.D
Acq On : 22 Jun 2019 00:57
Operator : HP/JU
Sample : PB120777BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Manual Integrations APPROVED
mohammad
6/25/2019 12:41:32 PM

Quant Time: Jun 22 05:37:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 21 17:55:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	285723	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	1131546	20.00	ng		0.00
39) Acenaphthene-d10	9.65	164	568777	20.00	ng		0.00
64) Phenanthrene-d10	11.12	188	1123683	20.00	ng		0.00
76) Chrysene-d12	13.74	240	782271	20.00	ng		0.00
87) Perylene-d12	15.11	264	820194	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	2202915	118.98	ng		0.02
7) Phenol-d6	6.27	99	2710595	120.62	ng		0.01
23) Nitrobenzene-d5	7.18	82	1685853	91.65	ng		0.00
42) 2,4,6-Tribromophenol	10.44	330	780129	130.07	ng		0.00
45) 2-Fluorobiphenyl	8.98	172	3054525	91.22	ng		0.00
79) Terphenyl-d14	12.71	244	3267862	88.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	292603	33.485	ng		99
3) Pyridine	2.94	79	846133	34.355	ng		99
4) n-Nitrosodimethylamine	2.89	42	373923	38.728	ng		99
6) Aniline	6.28	93	704439	22.808	ng	#	4
8) 2-Chlorophenol	6.40	128	842338	40.459	ng		98
9) Benzaldehyde	6.15	77	225326	15.368	ng		98
10) Phenol	6.27	94	986016	37.456	ng		94
11) bis(2-Chloroethyl)ether	6.36	93	769489	39.655	ng		99
12) 1,3-Dichlorobenzene	6.55	146	895222	38.744	ng		98
13) 1,4-Dichlorobenzene	6.63	146	896413	38.689	ng		99
14) 1,2-Dichlorobenzene	6.79	146	829232	38.647	ng		98
15) Benzyl Alcohol	6.77	79	644596	39.391	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1123029	39.903	ng		99
17) 2-Methylphenol	6.88	107	728106	42.369	ng		98
18) Hexachloroethane	7.13	117	327525	39.210	ng		99
19) n-Nitroso-di-n-propylamine	7.05	70	568284	39.498	ng		99
20) 3+4-Methylphenols	7.04	107	825021	41.577	ng	#	88
22) Acetophenone	7.03	105	1134728	43.804	ng	#	98
24) Nitrobenzene	7.20	77	869859	42.924	ng		96
25) Isophorone	7.44	82	1641965	43.574	ng		99
26) 2-Nitrophenol	7.51	139	472102	47.174	ng		97
27) 2,4-Dimethylphenol	7.57	122	800101	48.830	ng		99
28) bis(2-Chloroethoxy)methane	7.66	93	1020917	42.866	ng		99
29) 2,4-Dichlorophenol	7.75	162	755611	44.685	ng		96
30) 1,2,4-Trichlorobenzene	7.84	180	801385	42.905	ng		99
31) Naphthalene	7.92	128	2414226	43.465	ng		100
32) Benzoic acid	7.71	122	622915	53.258	ng		100
33) 4-Chloroaniline	7.97	127	417860	16.461	ng		99
34) Hexachlorobutadiene	8.05	225	428297	41.844	ng		99
35) Caprolactam	8.35	113	252737m	44.455	ng		
36) 4-Chloro-3-methylphenol	8.46	107	767319	44.807	ng		99
37) 2-Methylnaphthalene	8.61	142	1671480	44.631	ng		99
38) 1-Methylnaphthalene	8.71	142	1604737	44.865	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	673054	41.876	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
Data File : BF115099.D
Acq On : 22 Jun 2019 00:57
Operator : HP/JU
Sample : PB120777BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Manual Integrations APPROVED
mohammad
6/25/2019 12:41:32 PM

Quant Time: Jun 22 05:37:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 21 17:55:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	750980	78.797	ng		99
43) 2,4,6-Trichlorophenol	8.89	196	571309	46.041	ng		100
44) 2,4,5-Trichlorophenol	8.93	196	561699	43.956	ng		98
46) 1,1'-Biphenyl	9.08	154	1920620	42.202	ng		98
47) 2-Chloronaphthalene	9.10	162	1554096	42.098	ng		97
48) 2-Nitroaniline	9.19	65	466783	43.371	ng		96
49) Acenaphthylene	9.51	152	2416094	42.007	ng		99
50) Dimethylphthalate	9.39	163	1798521	42.979	ng		99
51) 2,6-Dinitrotoluene	9.44	165	432562	44.774	ng		99
52) Acenaphthene	9.68	154	1670184	46.406	ng		99
53) 3-Nitroaniline	9.60	138	310841	26.366	ng		93
54) 2,4-Dinitrophenol	9.71	184	456803	90.798	ng		95
55) Dibenzofuran	9.85	168	2120435	41.049	ng		98
56) 4-Nitrophenol	9.77	139	805387	85.211	ng		96
57) 2,4-Dinitrotoluene	9.84	165	589458	47.254	ng	#	90
58) Fluorene	10.20	166	1460794	42.041	ng		97
59) 2,3,4,6-Tetrachlorophenol	9.97	232	494047	46.108	ng		99
60) Diethylphthalate	10.09	149	1808762	43.000	ng		99
61) 4-Chlorophenyl-phenylether	10.19	204	707196	42.962	ng		95
62) 4-Nitroaniline	10.22	138	489752	41.409	ng		99
63) Azobenzene	10.35	77	1693001	43.091	ng		97
65) 4,6-Dinitro-2-methylphenol	10.24	198	276483	46.424	ng		83
66) n-Nitrosodiphenylamine	10.31	169	1519423	43.402	ng		99
67) 4-Bromophenyl-phenylether	10.68	248	522063	42.852	ng		96
68) Hexachlorobenzene	10.74	284	561425	42.455	ng	#	92
69) Atrazine	10.84	200	493160	43.792	ng		99
70) Pentachlorophenol	10.93	266	671767	79.739	ng		98
71) Phenanthrene	11.15	178	2415494	39.925	ng		99
72) Anthracene	11.20	178	2500486	40.944	ng		98
73) Carbazole	11.35	167	2324771	42.629	ng		98
74) Di-n-butylphthalate	11.70	149	2685756	42.619	ng		98
75) Fluoranthene	12.32	202	2564374	42.482	ng		99
77) Benzidine	12.44	184	559005	16.093	ng		98
78) Pyrene	12.55	202	2580082	42.917	ng		98
80) Butylbenzylphthalate	13.19	149	1228686	46.312	ng		96
81) Benzo(a)anthracene	13.73	228	2365418	42.141	ng		99
82) 3,3'-Dichlorobenzidine	13.70	252	585450	28.883	ng		98
83) Chrysene	13.77	228	2186844	42.532	ng		98
84) Bis(2-ethylhexyl)phthalate	13.76	149	1581956	45.506	ng	#	98
85) Di-n-octyl phthalate	14.37	149	2690424	46.062	ng		100
86) Indeno(1,2,3-cd)pyrene	16.39	276	2719041	44.691	ng		99
88) Benzo(b)fluoranthene	14.74	252	2481048	48.479	ng		98
89) Benzo(k)fluoranthene	14.77	252	2290364	49.904	ng		99
90) Benzo(a)pyrene	15.06	252	2345083	50.839	ng		99
91) Dibenzo(a,h)anthracene	16.41	278	2201124	51.114	ng		100
92) Benzo(g,h,i)perylene	16.78	276	2292657	52.603	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
Data File : BF115099.D
Acq On : 22 Jun 2019 00:57
Operator : HP/JU
Sample : PB120777BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 22 05:37:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 21 17:55:32 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Manual Integrations APPROVED
mohammad
6/25/2019 12:41:32 PM