Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115142.D
Acq On : 24 Jun 2019 11:36
Operator : HP/JU
Sample : PB120777BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Manual Integrations APPROVED
mohammad
6/28/2019 8:25:02 AM

Quant Time: Jun 25 07:57:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	345721	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	1372371	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	684209	20.00	ng		0.00
64) Phenanthrene-d10	11.11	188	1314671	20.00	ng		0.00
76) Chrysene-d12	13.74	240	859454	20.00	ng		-0.01
87) Perylene-d12	15.10	264	909130	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	2543901	113.55	ng		0.02
7) Phenol-d6	6.27	99	3111550	114.43	ng		0.01
23) Nitrobenzene-d5	7.18	82	1971927	88.39	ng		0.00
42) 2,4,6-Tribromophenol	10.43	330	901196	124.90	ng		0.00
45) 2-Fluorobiphenyl	8.98	172	3477672	86.34	ng		0.00
79) Terphenyl-d14	12.70	244	3584833	88.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	361280	34.169	ng		99
3) Pyridine	2.97	79	994645	33.377	ng		98
4) n-Nitrosodimethylamine	2.91	42	449157	38.447	ng		99
6) Aniline	6.28	93	968137	25.905	ng	#	87
8) 2-Chlorophenol	6.41	128	1030899	40.923	ng		97
9) Benzaldehyde	6.15	77	205331	11.574	ng		100
10) Phenol	6.28	94	1184104	37.175	ng		97
11) bis(2-Chloroethyl)ether	6.36	93	949454	40.438	ng		99
12) 1,3-Dichlorobenzene	6.55	146	1085585	38.830	ng		98
13) 1,4-Dichlorobenzene	6.63	146	1100897	39.268	ng		99
14) 1,2-Dichlorobenzene	6.79	146	1014601	39.080	ng		99
15) Benzyl Alcohol	6.77	79	799912	40.399	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1380815	40.548	ng		99
17) 2-Methylphenol	6.88	107	882173	42.425	ng		98
18) Hexachloroethane	7.13	117	402309	39.804	ng		97
19) n-Nitroso-di-n-propylamine	7.05	70	695342	39.942	ng		99
20) 3+4-Methylphenols	7.04	107	991929	41.313	ng	#	88
22) Acetophenone	7.02	105	1382375	43.999	ng	#	96
24) Nitrobenzene	7.20	77	1065417	43.349	ng		95
25) Isophorone	7.44	82	2009008	43.959	ng		100
26) 2-Nitrophenol	7.51	139	604038	49.766	ng		99
27) 2,4-Dimethylphenol	7.56	122	984627	49.546	ng		98
28) bis(2-Chloroethoxy)methane	7.66	93	1246450	43.151	ng		99
29) 2,4-Dichlorophenol	7.75	162	921397	44.927	ng		96
30) 1,2,4-Trichlorobenzene	7.84	180	986957	43.568	ng		99
31) Naphthalene	7.92	128	2885448	42.832	ng		98
32) Benzoic acid	7.71	122	808445	56.991	ng		99
33) 4-Chloroaniline	7.97	127	732531	23.793	ng		99
34) Hexachlorobutadiene	8.04	225	529415	42.646	ng		97
35) Caprolactam	8.35	113	332286m	48.191	ng		
36) 4-Chloro-3-methylphenol	8.46	107	934655	45.001	ng		98
37) 2-Methylnaphthalene	8.61	142	2023808	44.556	ng		99
38) 1-Methylnaphthalene	8.71	142	1914864	44.141	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	823942	42.615	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115142.D
Acq On : 24 Jun 2019 11:36
Operator : HP/JU
Sample : PB120777BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Manual Integrations APPROVED
mohammad
6/28/2019 8:25:02 AM

Quant Time: Jun 25 07:57:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	915672	79.869	ng		100
43) 2,4,6-Trichlorophenol	8.89	196	678498	45.455	ng		98
44) 2,4,5-Trichlorophenol	8.93	196	689306	44.842	ng		99
46) 1,1'-Biphenyl	9.07	154	2314090	42.269	ng		99
47) 2-Chloronaphthalene	9.10	162	1859910	41.882	ng		97
48) 2-Nitroaniline	9.19	65	567073	43.800	ng		92
49) Acenaphthylene	9.51	152	2862012	41.365	ng		97
50) Dimethylphthalate	9.38	163	2138466	42.482	ng		99
51) 2,6-Dinitrotoluene	9.44	165	521477	44.871	ng		93
52) Acenaphthene	9.68	154	1759371	40.637	ng		99
53) 3-Nitroaniline	9.60	138	407275	28.717	ng		98
54) 2,4-Dinitrophenol	9.71	184	561022	92.546	ng		98
55) Dibenzofuran	9.85	168	2495500	40.159	ng		97
56) 4-Nitrophenol	9.77	139	957177	84.185	ng		95
57) 2,4-Dinitrotoluene	9.84	165	681354	45.406	ng		93
58) Fluorene	10.19	166	1722235	41.049	ng		99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	599278	46.493	ng		99
60) Diethylphthalate	10.08	149	2095265	41.408	ng		98
61) 4-Chlorophenyl-phenylether	10.18	204	825422	41.446	ng		95
62) 4-Nitroaniline	10.21	138	576354	40.510	ng		99
63) Azobenzene	10.35	77	1956402	41.394	ng		98
65) 4,6-Dinitro-2-methylphenol	10.24	198	330965	47.384	ng		92
66) n-Nitrosodiphenylamine	10.31	169	1781891	43.505	ng		99
67) 4-Bromophenyl-phenylether	10.67	248	622114	43.646	ng		98
68) Hexachlorobenzene	10.74	284	678928	43.882	ng		97
69) Atrazine	10.84	200	573123	43.499	ng		99
70) Pentachlorophenol	10.93	266	812934	82.477	ng		98
71) Phenanthrene	11.14	178	2831337	40.000	ng		99
72) Anthracene	11.20	178	2831560	39.629	ng		97
73) Carbazole	11.35	167	2631105	41.238	ng		98
74) Di-n-butylphthalate	11.70	149	3024748	41.026	ng		97
75) Fluoranthene	12.32	202	2935748	41.569	ng		99
77) Benzidine	12.44	184	936396	24.537	ng		99
78) Pyrene	12.55	202	2932426	44.397	ng		97
80) Butylbenzylphthalate	13.18	149	1425078	48.891	ng		98
81) Benzo(a)anthracene	13.72	228	2735673	44.361	ng		98
82) 3,3'-Dichlorobenzidine	13.69	252	921899	41.397	ng		99
83) Chrysene	13.77	228	2593025	45.903	ng		97
84) Bis(2-ethylhexyl)phthalate	13.75	149	1802726	47.200	ng	#	98
85) Di-n-octyl phthalate	14.36	149	3098119	48.279	ng		99
86) Indeno(1,2,3-cd)pyrene	16.38	276	2769586	41.433	ng		99
88) Benzo(b)fluoranthene	14.74	252	3041113	53.610	ng		98
89) Benzo(k)fluoranthene	14.76	252	2318042	45.566	ng		99
90) Benzo(a)pyrene	15.05	252	2593721	50.729	ng		99
91) Dibenzo(a,h)anthracene	16.41	278	2285934	47.891	ng		98
92) Benzo(g,h,i)perylene	16.77	276	2306841	47.750	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115142.D
Acq On : 24 Jun 2019 11:36
Operator : HP/JU
Sample : PB120777BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 07:57:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Manual Integrations APPROVED
mohammad
6/28/2019 8:25:02 AM