Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116383.D
Acq On : 19 Aug 2019 12:13
Operator : HP/JU
Sample : PB122287BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122287BS

Manual Integrations APPROVED
mohammad
8/22/2019 12:45:10 PM

Quant Time: Aug 19 16:51:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	120661	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	497539	20.00	ng		-0.01
39) Acenaphthene-d10	9.83	164	263678	20.00	ng		-0.02
64) Phenanthrene-d10	11.32	188	452019	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	318093	20.00	ng		-0.01
87) Perylene-d12	15.42	264	257460	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	815141	113.09	ng		0.00
7) Phenol-d6	6.46	99	978491	107.60	ng		0.00
23) Nitrobenzene-d5	7.37	82	634544	73.62	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	262730	102.77	ng		-0.02
45) 2-Fluorobiphenyl	9.16	172	1119513	79.53	ng		-0.01
79) Terphenyl-d14	12.90	244	1213489	80.39	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	133393	36.634	ng		99
3) Pyridine	3.39	79	300904	29.583	ng		98
4) n-Nitrosodimethylamine	3.33	42	140949	35.114	ng		97
6) Aniline	6.47	93	353533	27.146	ng	#	81
8) 2-Chlorophenol	6.60	128	337703	42.370	ng		98
9) Benzaldehyde	6.37	77	81476	12.985	ng		97
10) Phenol	6.47	94	424840	39.672	ng		98
11) bis(2-Chloroethyl)ether	6.54	93	326628	41.486	ng		97
12) 1,3-Dichlorobenzene	6.75	146	355973	38.646	ng		99
13) 1,4-Dichlorobenzene	6.82	146	367851	39.885	ng		99
14) 1,2-Dichlorobenzene	6.97	146	340229	40.063	ng		99
15) Benzyl Alcohol	6.96	79	268861	38.958	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	415031	38.647	ng		76
17) 2-Methylphenol	7.07	107	279061	41.350	ng		96
18) Hexachloroethane	7.31	117	131632	38.765	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	234271	41.573	ng		99
20) 3+4-Methylphenols	7.23	107	358869	44.935	ng	#	82
22) Acetophenone	7.22	105	467052	42.803	ng		94
24) Nitrobenzene	7.39	77	375478	40.344	ng		99
25) Isophorone	7.63	82	668462	40.558	ng		98
26) 2-Nitrophenol	7.71	139	183156	41.749	ng		95
27) 2,4-Dimethylphenol	7.75	122	299450	45.369	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	410613	40.195	ng		100
29) 2,4-Dichlorophenol	7.96	162	289371	41.522	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	310071	39.032	ng		99
31) Naphthalene	8.10	128	976257	41.697	ng		99
32) Benzoic acid	7.91	122	153178	32.917	ng		97
33) 4-Chloroaniline	8.16	127	290879	27.806	ng		98
34) Hexachlorobutadiene	8.22	225	173502	37.917	ng		99
35) Caprolactam	8.53	113	87433m	38.790	ng		
36) 4-Chloro-3-methylphenol	8.66	107	297889	41.088	ng		95
37) 2-Methylnaphthalene	8.80	142	639283	41.459	ng		99
38) 1-Methylnaphthalene	8.89	142	602854	41.327	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	296036	41.996	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116383.D
Acq On : 19 Aug 2019 12:13
Operator : HP/JU
Sample : PB122287BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122287BS

Manual Integrations APPROVED
mohammad
8/22/2019 12:45:10 PM

Quant Time: Aug 19 16:51:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	140189	46.942	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	171812	35.410	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	182833	36.453	ng		99
46) 1,1'-Biphenyl	9.26	154	784631	42.149	ng		98
47) 2-Chloronaphthalene	9.29	162	614742	39.677	ng		100
48) 2-Nitroaniline	9.39	65	192873	37.661	ng		100
49) Acenaphthylene	9.70	152	909110	40.219	ng		99
50) Dimethylphthalate	9.56	163	706585	39.356	ng		100
51) 2,6-Dinitrotoluene	9.63	165	157700	40.419	ng	#	89
52) Acenaphthene	9.87	154	556089	40.101	ng		100
53) 3-Nitroaniline	9.80	138	126852	26.313	ng		96
54) 2,4-Dinitrophenol	9.93	184	101425	53.932	ng		98
55) Dibenzofuran	10.05	168	790033	39.176	ng		100
56) 4-Nitrophenol	9.99	139	182059	58.951	ng		95
57) 2,4-Dinitrotoluene	10.04	165	194427	37.428	ng	#	88
58) Fluorene	10.39	166	645901	41.629	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	156193	37.015	ng		99
60) Diethylphthalate	10.26	149	669868	39.964	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	324001	41.233	ng		97
62) 4-Nitroaniline	10.42	138	148720	29.851	ng		99
63) Azobenzene	10.53	77	697742	40.471	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	94538	39.466	ng		89
66) n-Nitrosodiphenylamine	10.49	169	571470	42.003	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	194728	40.243	ng		98
68) Hexachlorobenzene	10.94	284	218863	39.115	ng		99
69) Atrazine	11.02	200	167017	37.315	ng		98
70) Pentachlorophenol	11.15	266	141162m	51.964	ng		
71) Phenanthrene	11.35	178	942633	40.792	ng		99
72) Anthracene	11.40	178	964476	41.241	ng		99
73) Carbazole	11.56	167	870178	41.013	ng		99
74) Di-n-butylphthalate	11.87	149	1038520	41.959	ng		99
75) Fluoranthene	12.54	202	983941	40.672	ng		99
77) Benzidine	12.66	184	210890	19.624	ng		98
78) Pyrene	12.77	202	1002755	41.819	ng		100
80) Butylbenzylphthalate	13.37	149	432816	42.672	ng		98
81) Benzo(a)anthracene	13.96	228	807104	39.697	ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	250755	35.500	ng		100
83) Chrysene	13.99	228	801842	40.623	ng		99
84) Bis(2-ethylhexyl)phthalate	13.93	149	590449	44.797	ng		98
85) Di-n-octyl phthalate	14.53	149	936592	44.737	ng		99
86) Indeno(1,2,3-cd)pyrene	16.88	276	667232	40.247	ng		99
88) Benzo(b)fluoranthene	15.00	252	768111	51.597	ng		99
89) Benzo(k)fluoranthene	15.03	252	665858	45.922	ng		99
90) Benzo(a)pyrene	15.36	252	671217	50.439	ng		99
91) Dibenzo(a,h)anthracene	16.88	278	570783	49.551	ng		99
92) Benzo(g,h,i)perylene	17.32	276	560293	49.527	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116383.D
Acq On : 19 Aug 2019 12:13
Operator : HP/JU
Sample : PB122287BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 19 16:51:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB122287BS

Manual Integrations APPROVED
mohammad
8/22/2019 12:45:10 PM