Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118084.D
Acq On : 4 Dec 2019 14:11
Operator : JU
Sample : PB125225BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125225BS

Manual Integrations APPROVED
mohammad
12/5/2019 10:50:38 AM

Quant Time: Dec 05 01:06:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 15:16:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	168106	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	660515	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	353255	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	672536	20.00	ng	0.00
76) Chrysene-d12	14.08	240	553558	20.00	ng	0.00
87) Perylene-d12	15.57	264	413403	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1163625	122.53	ng	0.02
7) Phenol-d6	6.52	99	1588339	138.66	ng	0.00
23) Nitrobenzene-d5	7.45	82	775503	69.79	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	484497	129.55	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1451469	73.71	ng	0.00
79) Terphenyl-d14	13.02	244	1979289	65.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.72	88	164489	37.054	ng	98
3) Pyridine	3.48	79	399527	34.309	ng	98
4) n-Nitrosodimethylamine	3.43	42	197264	38.807	ng	88
6) Aniline	6.54	93	489091	32.311	ng	100
8) 2-Chlorophenol	6.67	128	531853	51.611	ng	98
9) Benzaldehyde	6.43	77	197286	23.283	ng	98
10) Phenol	6.53	94	610140	51.258	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	484860	50.724	ng	96
12) 1,3-Dichlorobenzene	6.82	146	503630	41.512	ng	97
13) 1,4-Dichlorobenzene	6.90	146	527447	43.011	ng	98
14) 1,2-Dichlorobenzene	7.05	146	564721	48.150	ng	100
15) Benzyl Alcohol	7.02	79	446696	50.510	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	596577	40.537	ng	99
17) 2-Methylphenol	7.13	107	454608	52.093	ng	99
18) Hexachloroethane	7.39	117	217127	48.198	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	349602	49.471	ng	97
20) 3+4-Methylphenols	7.29	107	543404	50.162	ng	95
22) Acetophenone	7.29	105	722207	48.667	ng	95
24) Nitrobenzene	7.46	77	550989	48.068	ng	97
25) Isophorone	7.70	82	990750	48.649	ng	100
26) 2-Nitrophenol	7.78	139	327938	58.779	ng	99
27) 2,4-Dimethylphenol	7.82	122	485662	56.020	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	625844	48.428	ng	99
29) 2,4-Dichlorophenol	8.03	162	392789	41.769	ng	96
30) 1,2,4-Trichlorobenzene	8.11	180	442695	40.585	ng	100
31) Naphthalene	8.19	128	1356052	44.038	ng	99
32) Benzoic acid	7.95	122	314500	43.326	ng	97
33) 4-Chloroaniline	8.23	127	340034	24.667	ng	100
34) Hexachlorobutadiene	8.30	225	257168	40.324	ng	97
35) Caprolactam	8.62	113	123345m	41.271	ng	
36) 4-Chloro-3-methylphenol	8.73	107	413914	43.371	ng	94
37) 2-Methylnaphthalene	8.89	142	943066	45.328	ng	98
38) 1-Methylnaphthalene	8.99	142	879360	44.707	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	419647	40.906	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118084.D
Acq On : 4 Dec 2019 14:11
Operator : JU
Sample : PB125225BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125225BS

Manual Integrations APPROVED
mohammad
12/5/2019 10:50:38 AM

Quant Time: Dec 05 01:06:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 15:16:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	391457	68.090	ng		98
43) 2,4,6-Trichlorophenol	9.16	196	290674	39.558	ng		100
44) 2,4,5-Trichlorophenol	9.21	196	312893	41.012	ng		97
46) 1,1'-Biphenyl	9.35	154	1126892	42.998	ng		99
47) 2-Chloronaphthalene	9.37	162	875495	40.607	ng		99
48) 2-Nitroaniline	9.47	65	250507	38.485	ng		95
49) Acenaphthylene	9.79	152	1357360	43.181	ng		100
50) Dimethylphthalate	9.65	163	1036429	41.839	ng		99
51) 2,6-Dinitrotoluene	9.72	165	233141	43.063	ng		92
52) Acenaphthene	9.97	154	801899	39.823	ng		99
53) 3-Nitroaniline	9.89	138	190822	29.456	ng		94
54) 2,4-Dinitrophenol	10.00	184	232807	83.357	ng		97
55) Dibenzofuran	10.14	168	1212951	43.500	ng		100
56) 4-Nitrophenol	10.06	139	377198	78.005	ng		97
57) 2,4-Dinitrotoluene	10.12	165	311033	45.163	ng	#	85
58) Fluorene	10.49	166	935952	43.315	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	257827	41.130	ng		99
60) Diethylphthalate	10.36	149	1052891	43.596	ng		98
61) 4-Chlorophenyl-phenylether	10.47	204	469662	42.830	ng		95
62) 4-Nitroaniline	10.50	138	243251	37.502	ng		99
63) Azobenzene	10.63	77	890478	40.528	ng		99
65) 4,6-Dinitro-2-methylphenol	10.54	198	163143	51.962	ng		98
66) n-Nitrosodiphenylamine	10.59	169	842627	43.051	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	303063	41.764	ng		97
68) Hexachlorobenzene	11.04	284	348690	41.209	ng	#	91
69) Atrazine	11.12	200	285637	44.364	ng		99
70) Pentachlorophenol	11.23	266	360626	72.950	ng		99
71) Phenanthrene	11.45	178	1448024	42.825	ng		99
72) Anthracene	11.50	178	1504069	44.865	ng		100
73) Carbazole	11.66	167	1373120	46.871	ng		100
74) Di-n-butylphthalate	11.99	149	1771809	48.575	ng		99
75) Fluoranthene	12.65	202	1726968	58.313	ng		99
77) Benzidine	12.76	184	248642	13.713	ng		99
78) Pyrene	12.87	202	1670616	37.344	ng		100
80) Butylbenzylphthalate	13.49	149	825383	42.957	ng		97
81) Benzo(a)anthracene	14.07	228	1448764	39.605	ng		100
82) 3,3'-Dichlorobenzidine	14.03	252	390031	30.482	ng		97
83) Chrysene	14.11	228	1402245	39.560	ng		99
84) Bis(2-ethylhexyl)phthalate	14.05	149	1023607	43.942	ng		99
85) Di-n-octyl phthalate	14.66	149	1782835	52.097	ng		100
86) Indeno(1,2,3-cd)pyrene	17.10	276	1202225	39.851	ng		98
88) Benzo(b)fluoranthene	15.13	252	1376855	51.262	ng		98
89) Benzo(k)fluoranthene	15.17	252	1282719	50.686	ng		98
90) Benzo(a)pyrene	15.52	252	1168021	49.454	ng		99
91) Dibenzo(a,h)anthracene	17.12	278	1041982	51.257	ng		99
92) Benzo(g,h,i)perylene	17.56	276	968728	47.843	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118084.D
Acq On : 4 Dec 2019 14:11
Operator : JU
Sample : PB125225BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 05 01:06:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 15:16:53 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB125225BS

Manual Integrations APPROVED
mohammad
12/5/2019 10:50:38 AM