Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118750.D
Acq On : 30 Jan 2020 14:41
Operator : CG/JU
Sample : PB126456BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB126456BS

Manual Integrations APPROVED
mohammad
2/3/2020 7:56:53 AM

Quant Time: Jan 30 22:17:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	308561	20.00	ng		-0.02
21) Naphthalene-d8	8.13	136	1179498	20.00	ng		-0.02
39) Acenaphthene-d10	9.88	164	686997	20.00	ng		-0.02
64) Phenanthrene-d10	11.37	188	1306651	20.00	ng		-0.01
76) Chrysene-d12	14.01	240	1002642	20.00	ng		-0.01
87) Perylene-d12	15.46	264	1007412	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1685114	101.43	ng		0.00
7) Phenol-d6	6.47	99	2139912	99.10	ng		-0.02
23) Nitrobenzene-d5	7.40	82	1248285	59.20	ng		-0.02
42) 2,4,6-Tribromophenol	10.67	330	857746	107.95	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	2631440	62.96	ng		-0.02
79) Terphenyl-d14	12.95	244	3259906	70.91	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	270671	33.637	ng		100
3) Pyridine	3.45	79	669271	29.509	ng		99
4) n-Nitrosodimethylamine	3.39	42	281495	28.950	ng		100
6) Aniline	6.50	93	790702	27.809	ng		100
8) 2-Chlorophenol	6.63	128	723477	38.797	ng		99
9) Benzaldehyde	6.39	77	371567	28.294	ng		97
10) Phenol	6.49	94	864238	35.119	ng		99
11) bis(2-Chloroethyl)ether	6.57	93	670960	36.749	ng		99
12) 1,3-Dichlorobenzene	6.79	146	800290	36.666	ng		99
13) 1,4-Dichlorobenzene	6.86	146	819886	37.421	ng		99
14) 1,2-Dichlorobenzene	7.02	146	765300	37.157	ng		98
15) Benzyl Alcohol	6.98	79	627340	36.634	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	790165	31.071	ng		99
17) 2-Methylphenol	7.09	107	592629	38.153	ng		97
18) Hexachloroethane	7.36	117	287721	36.215	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	485030	33.265	ng		98
20) 3+4-Methylphenols	7.25	107	718182	37.870	ng		97
22) Acetophenone	7.25	105	938781	33.598	ng	#	98
24) Nitrobenzene	7.42	77	735438	34.061	ng		99
25) Isophorone	7.66	82	1381959	35.930	ng		99
26) 2-Nitrophenol	7.74	139	399403	43.377	ng		99
27) 2,4-Dimethylphenol	7.77	122	678477	42.672	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	859762	34.692	ng		99
29) 2,4-Dichlorophenol	7.98	162	659548	37.524	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	729479	35.794	ng		100
31) Naphthalene	8.15	128	2073951	38.924	ng		99
32) Benzoic acid	7.90	122	444851	37.279	ng		95
33) 4-Chloroaniline	8.19	127	492688	20.006	ng		98
34) Hexachlorobutadiene	8.27	225	434288	34.992	ng		99
35) Caprolactam	8.56	113	213193m	37.064	ng		
36) 4-Chloro-3-methylphenol	8.67	107	669394	38.566	ng		99
37) 2-Methylnaphthalene	8.84	142	1474823	39.214	ng		100
38) 1-Methylnaphthalene	8.94	142	1391090	38.933	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	720522	33.519	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118750.D
Acq On : 30 Jan 2020 14:41
Operator : CG/JU
Sample : PB126456BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 30 22:17:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB126456BS

Manual Integrations APPROVED
mohammad
2/3/2020 7:56:53 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	851048	78.472	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	519743	36.437	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	536307	36.814	ng	98
46) 1,1'-Biphenyl	9.30	154	1783587	37.670	ng	99
47) 2-Chloronaphthalene	9.33	162	1441245	36.114	ng	99
48) 2-Nitroaniline	9.42	65	396116	32.289	ng	98
49) Acenaphthylene	9.75	152	2223151	39.598	ng	99
50) Dimethylphthalate	9.60	163	1730695	38.667	ng	99
51) 2,6-Dinitrotoluene	9.66	165	405943	40.502	ng	94
52) Acenaphthene	9.92	154	1526581	40.664	ng	100
53) 3-Nitroaniline	9.83	138	271575	23.729	ng	96
54) 2,4-Dinitrophenol	9.94	184	390278	97.537	ng	97
55) Dibenzofuran	10.09	168	2034432	39.105	ng	100
56) 4-Nitrophenol	9.99	139	678942	78.585	ng	99
57) 2,4-Dinitrotoluene	10.07	165	539775	42.720	ng	98
58) Fluorene	10.43	166	1535819	37.604	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	472461	36.872	ng	99
60) Diethylphthalate	10.30	149	1860692	42.876	ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	817815	36.817	ng	95
62) 4-Nitroaniline	10.45	138	392786	33.459	ng	99
63) Azobenzene	10.58	77	1514172	36.027	ng	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	297964	51.859	ng	88
66) n-Nitrosodiphenylamine	10.54	169	1455166	36.928	ng	99
67) 4-Bromophenyl-phenylether	10.91	248	573129	35.503	ng	96
68) Hexachlorobenzene	10.98	284	647001	35.351	ng	97
69) Atrazine	11.07	200	547187	40.063	ng	99
70) Pentachlorophenol	11.17	266	705731	69.354	ng	99
71) Phenanthrene	11.39	178	2375569	37.684	ng	100
72) Anthracene	11.45	178	2419821	38.794	ng	99
73) Carbazole	11.59	167	2104769	36.788	ng	100
74) Di-n-butylphthalate	11.93	149	2660868	41.860	ng	100
75) Fluoranthene	12.58	202	2557066	38.459	ng	100
77) Benzidine	12.70	184	1529559	57.095	ng	99
78) Pyrene	12.81	202	2575897	37.842	ng	99
80) Butylbenzylphthalate	13.43	149	1156359	41.508	ng	95
81) Benzo(a)anthracene	14.00	228	2226618	36.917	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	553014	25.731	ng	99
83) Chrysene	14.03	228	2208743	38.210	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1557527	45.762	ng	99
85) Di-n-octyl phthalate	14.60	149	2638353	52.370	ng	100
86) Indeno(1,2,3-cd)pyrene	16.92	276	2013262	40.083	ng	99
88) Benzo(b)fluoranthene	15.04	252	2301846	36.351	ng	99
89) Benzo(k)fluoranthene	15.07	252	2107048	35.916	ng	99
90) Benzo(a)pyrene	15.40	252	1949017	35.680	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	1697656	35.135	ng	98
92) Benzo(g,h,i)perylene	17.36	276	1619856	34.528	ng	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118750.D
Acq On : 30 Jan 2020 14:41
Operator : CG/JU
Sample : PB126456BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 30 22:17:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB126456BS

Manual Integrations APPROVED
mohammad
2/3/2020 7:56:53 AM