Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118752.D
Acq On : 30 Jan 2020 15:36
Operator : CG/JU
Sample : PB126458BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB126458BSD

Manual Integrations APPROVED
mohammad
2/3/2020 7:57:01 AM

Quant Time: Jan 30 22:20:37 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	6.85	152	315742	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1184615	20.00	ng	-0.02
39) Acenaphthene-d10	9.88	164	692432	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	1299752	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	1004580	20.00	ng	-0.01
87) Perylene-d12	15.46	264	1035782	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1832897	107.81	ng	0.00
7) Phenol-d6	6.47	99	2304858	104.31	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1336606	63.11	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	904096	112.89	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2756362	65.43	ng	-0.02
79) Terphenyl-d14	12.95	244	3382952	73.45	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	299755	36.404	ng	99
3) Pyridine	3.45	79	748312	32.243	ng	99
4) n-Nitrosodimethylamine	3.39	42	312501	31.408	ng	98
6) Aniline	6.50	93	887964	30.519	ng	100
8) 2-Chlorophenol	6.63	128	785873	41.184	ng	95
9) Benzaldehyde	6.39	77	406102	30.220	ng	95
10) Phenol	6.49	94	957040	38.006	ng	97
11) bis(2-Chloroethyl)ether	6.58	93	721801	38.634	ng	97
12) 1,3-Dichlorobenzene	6.79	146	882835	39.528	ng	99
13) 1,4-Dichlorobenzene	6.86	146	896691	39.995	ng	99
14) 1,2-Dichlorobenzene	7.02	146	827812	39.278	ng	99
15) Benzyl Alcohol	6.98	79	683771	39.022	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	866639	33.303	ng	98
17) 2-Methylphenol	7.10	107	658736	41.444	ng	99
18) Hexachloroethane	7.36	117	310654	38.213	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	533658	35.768	ng	100
20) 3+4-Methylphenols	7.25	107	779352	40.160	ng	97
22) Acetophenone	7.25	105	1029340	36.680	ng	96
24) Nitrobenzene	7.42	77	809052	37.308	ng	99
25) Isophorone	7.66	82	1513913	39.191	ng	100
26) 2-Nitrophenol	7.74	139	445982	48.226	ng	98
27) 2,4-Dimethylphenol	7.78	122	739107	46.284	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	934252	37.535	ng	99
29) 2,4-Dichlorophenol	7.98	162	719468	40.756	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	803591	39.260	ng	98
31) Naphthalene	8.15	128	2248457	42.017	ng	100
32) Benzoic acid	7.90	122	487607	40.686	ng	97
33) 4-Chloroaniline	8.19	127	507278	20.510	ng	98
34) Hexachlorobutadiene	8.27	225	476724	38.246	ng	99
35) Caprolactam	8.56	113	234148m	40.531	ng	
36) 4-Chloro-3-methylphenol	8.67	107	730840	41.925	ng	100
37) 2-Methylnaphthalene	8.84	142	1609789	42.618	ng	99
38) 1-Methylnaphthalene	8.94	142	1512591	42.150	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	775182	35.779	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118752.D
Acq On : 30 Jan 2020 15:36
Operator : CG/JU
Sample : PB126458BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB126458BSD

Manual Integrations APPROVED
mohammad
2/3/2020 7:57:01 AM

Quant Time: Jan 30 22:20:37 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)
41) Hexachlorocyclopentadiene	9.00	237	915860	83.785	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	558917	38.876	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	584522	39.809	ng	98
46) 1,1'-Biphenyl	9.30	154	1919304	40.218	ng	99
47) 2-Chloronaphthalene	9.33	162	1560352	38.792	ng	99
48) 2-Nitroaniline	9.42	65	427604	34.582	ng	94
49) Acenaphthylene	9.75	152	2389679	42.230	ng	99
50) Dimethylphthalate	9.60	163	1866330	41.370	ng	99
51) 2,6-Dinitrotoluene	9.66	165	440192	43.575	ng	97
52) Acenaphthene	9.92	154	1653029	43.687	ng	99
53) 3-Nitroaniline	9.83	138	284937	24.702	ng	98
54) 2,4-Dinitrophenol	9.94	184	419511	104.020	ng	92
55) Dibenzofuran	10.09	168	2189816	41.761	ng	98
56) 4-Nitrophenol	10.00	139	720965	82.794	ng	96
57) 2,4-Dinitrotoluene	10.07	165	582227	45.719	ng	98
58) Fluorene	10.43	166	1637555	39.780	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	524162	40.586	ng	100
60) Diethylphthalate	10.30	149	1862148	42.573	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	883559	39.464	ng	95
62) 4-Nitroaniline	10.45	138	433502	36.637	ng	99
63) Azobenzene	10.59	77	1619565	38.233	ng	98
65) 4,6-Dinitro-2-methylphenol	10.48	198	324926	56.852	ng	98
66) n-Nitrosodiphenylamine	10.54	169	1556427	39.707	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	614633	38.276	ng	96
68) Hexachlorobenzene	10.99	284	686637	37.716	ng	97
69) Atrazine	11.07	200	589799	43.412	ng	99
70) Pentachlorophenol	11.17	266	747415	73.841	ng	98
71) Phenanthrene	11.39	178	2533958	40.410	ng	99
72) Anthracene	11.44	178	2592717	41.787	ng	99
73) Carbazole	11.60	167	2260930	39.727	ng	99
74) Di-n-butylphthalate	11.93	149	2803402	44.336	ng	99
75) Fluoranthene	12.58	202	2757538	41.695	ng	100
77) Benzidine	12.70	184	1593801	59.378	ng	99
78) Pyrene	12.81	202	2810518	41.209	ng	100
80) Butylbenzylphthalate	13.43	149	1250946	44.817	ng	95
81) Benzo(a)anthracene	14.00	228	2379298	39.372	ng	100
82) 3,3'-Dichlorobenzidine	13.96	252	582703	27.060	ng	99
83) Chrysene	14.04	228	2391110	41.285	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1644444	48.222	ng	100
85) Di-n-octyl phthalate	14.60	149	2813622	55.742	ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2245539	44.622	ng	99
88) Benzo(b)fluoranthene	15.04	252	2497954	38.367	ng	100
89) Benzo(k)fluoranthene	15.07	252	2349160	38.946	ng	99
90) Benzo(a)pyrene	15.40	252	2150126	38.284	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	1892143	38.087	ng	98
92) Benzo(g,h,i)perylene	17.36	276	1805041	37.421	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 : BF118752.D
Acq On : 30 Jan 2020 15:36
Operator : CG/JU
Sample : PB126458BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 30 22:20:37 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 :
PB126458BSD

Manual Integrations APPROVED
mohammad
2/3/2020 7:57:01 AM