Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118457.D
Acq On : 3 Jan 2020 13:13
Operator : JU
Sample : PB125821BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Manual Integrations APPROVED
mohammad
1/6/2020 11:43:51 AM

Quant Time: Jan 04 00:20:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	81277	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	365936	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	196141	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	358674	20.00	ng		0.00
76) Chrysene-d12	14.05	240	269259	20.00	ng		0.00
87) Perylene-d12	15.53	264	213780	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	557653	117.12	ng		0.02
7) Phenol-d6	6.50	99	717784	121.52	ng		0.01
23) Nitrobenzene-d5	7.42	82	509101	79.57	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	298790	123.35	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1198767	93.29	ng		0.00
79) Terphenyl-d14	12.98	244	1462829	90.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	56554	29.878	ng	#	93
3) Pyridine	3.45	79	140500	27.860	ng		97
4) n-Nitrosodimethylamine	3.40	42	94836	45.484	ng	#	73
6) Aniline	6.52	93	200967	26.794	ng	#	87
8) 2-Chlorophenol	6.64	128	225715	41.856	ng		96
9) Benzaldehyde	6.40	77	121018	34.946	ng		91
10) Phenol	6.50	94	260382	39.221	ng		77
11) bis(2-Chloroethyl)ether	6.59	93	188191	39.637	ng		99
12) 1,3-Dichlorobenzene	6.79	146	265757	42.790	ng		98
13) 1,4-Dichlorobenzene	6.86	146	266722	42.281	ng		98
14) 1,2-Dichlorobenzene	7.02	146	263913	44.312	ng		98
15) Benzyl Alcohol	7.00	79	218196	48.517	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	224141	44.241	ng		61
17) 2-Methylphenol	7.11	107	207764	48.035	ng	#	92
18) Hexachloroethane	7.36	117	102424	44.239	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	171491	47.129	ng		93
20) 3+4-Methylphenols	7.27	107	263351	47.573	ng	#	82
22) Acetophenone	7.26	105	357782	39.892	ng	#	92
24) Nitrobenzene	7.44	77	261680	40.829	ng		96
25) Isophorone	7.67	82	464811	41.686	ng		98
26) 2-Nitrophenol	7.75	139	141203	41.595	ng	#	90
27) 2,4-Dimethylphenol	7.79	122	219417	47.373	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	287056	39.364	ng		99
29) 2,4-Dichlorophenol	8.00	162	225730	42.342	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	257531	41.470	ng		98
31) Naphthalene	8.16	128	818789	44.023	ng		99
32) Benzoic acid	7.95	122	129720	34.921	ng		99
33) 4-Chloroaniline	8.21	127	105299	13.206	ng		99
34) Hexachlorobutadiene	8.27	225	151523	40.989	ng		99
35) Caprolactam	8.59	113	76298m	45.842	ng		
36) 4-Chloro-3-methylphenol	8.71	107	253046	44.210	ng		99
37) 2-Methylnaphthalene	8.85	142	594420	46.679	ng		98
38) 1-Methylnaphthalene	8.95	142	548698	45.735	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	243827	41.374	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118457.D
Acq On : 3 Jan 2020 13:13
Operator : JU
Sample : PB125821BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Manual Integrations APPROVED
mohammad
1/6/2020 11:43:51 AM

Quant Time: Jan 04 00:20:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	176906	72.270	ng		99
43) 2,4,6-Trichlorophenol	9.14	196	161803	41.097	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	183370	45.276	ng		99
46) 1,1'-Biphenyl	9.32	154	696928	44.924	ng		97
47) 2-Chloronaphthalene	9.35	162	555331	44.477	ng		97
48) 2-Nitroaniline	9.45	65	153867	43.629	ng		95
49) Acenaphthylene	9.76	152	858217	46.345	ng		100
50) Dimethylphthalate	9.62	163	680932	46.249	ng		99
51) 2,6-Dinitrotoluene	9.69	165	148828	46.887	ng		91
52) Acenaphthene	9.93	154	504770	44.751	ng		98
53) 3-Nitroaniline	9.86	138	78357	21.032	ng		98
54) 2,4-Dinitrophenol	9.98	184	108387	68.519	ng		95
55) Dibenzofuran	10.10	168	762860	45.772	ng		95
56) 4-Nitrophenol	10.04	139	158940	69.107	ng		93
57) 2,4-Dinitrotoluene	10.10	165	194354	45.823	ng	#	82
58) Fluorene	10.45	166	592393	44.031	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	133611	38.826	ng		96
60) Diethylphthalate	10.32	149	625302	42.930	ng		99
61) 4-Chlorophenyl-phenylether	10.44	204	285557	42.517	ng		98
62) 4-Nitroaniline	10.49	138	129134	33.365	ng		95
63) Azobenzene	10.60	77	590720	47.348	ng		94
65) 4,6-Dinitro-2-methylphenol	10.52	198	92092	47.595	ng		85
66) n-Nitrosodiphenylamine	10.56	169	542842	47.222	ng		97
67) 4-Bromophenyl-phenylether	10.93	248	183269	43.661	ng		95
68) Hexachlorobenzene	11.00	284	211178	42.741	ng		99
69) Atrazine	11.09	200	195061	54.980	ng		98
70) Pentachlorophenol	11.20	266	161088	75.282	ng		99
71) Phenanthrene	11.42	178	861995	44.085	ng		99
72) Anthracene	11.47	178	887539	45.349	ng		97
73) Carbazole	11.63	167	750109	43.193	ng		99
74) Di-n-butylphthalate	11.94	149	1066984	48.455	ng		99
75) Fluoranthene	12.62	202	910723	46.152	ng		99
77) Benzidine	12.73	184	419344	56.838	ng		98
78) Pyrene	12.84	202	903257	41.080	ng		99
80) Butylbenzylphthalate	13.45	149	439397	44.382	ng		97
81) Benzo(a)anthracene	14.04	228	843727	44.766	ng		98
82) 3,3'-Dichlorobenzidine	13.99	252	152339	23.839	ng		99
83) Chrysene	14.07	228	775027	42.946	ng		100
84) Bis(2-ethylhexyl)phthalate	14.01	149	669482	51.427	ng		99
85) Di-n-octyl phthalate	14.62	149	1017031	53.111	ng		99
86) Indeno(1,2,3-cd)pyrene	17.05	276	556837	36.213	ng		99
88) Benzo(b)fluoranthene	15.10	252	640013	45.101	ng		99
89) Benzo(k)fluoranthene	15.13	252	632175	46.396	ng		99
90) Benzo(a)pyrene	15.47	252	549522	43.959	ng		99
91) Dibenzo(a,h)anthracene	17.06	278	468744	43.210	ng		100
92) Benzo(g,h,i)perylene	17.50	276	473196	45.156	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118457.D
Acq On : 3 Jan 2020 13:13
Operator : JU
Sample : PB125821BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 04 00:20:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Manual Integrations APPROVED
mohammad
1/6/2020 11:43:51 AM