Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF118998.D
Acq On : 21 Feb 2020 17:52
Operator : CG/JU
Sample : L1613-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

Manual Integrations APPROVED
mohammad
2/24/2020 2:11:32 PM

Quant Time: Feb 24 02:38:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	159108	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	557088	20.00	ng		0.00
39) Acenaphthene-d10	9.79	164	263677	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	439533	20.00	ng		0.00
76) Chrysene-d12	13.92	240	345944	20.00	ng		0.00
87) Perylene-d12	15.34	264	323557	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	937765	98.50	ng		0.00
7) Phenol-d6	6.40	99	1115905	96.37	ng		0.00
23) Nitrobenzene-d5	7.32	82	711031	67.39	ng		0.00
42) 2,4,6-Tribromophenol	10.58	330	313723	90.95	ng		0.00
45) 2-Fluorobiphenyl	9.12	172	1306270	72.98	ng		0.00
79) Terphenyl-d14	12.86	244	1316299	65.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	153937	36.315	ng		99
3) Pyridine	3.25	79	391732	33.838	ng		99
4) n-Nitrosodimethylamine	3.19	42	147104	41.947	ng		96
6) Aniline	6.42	93	251246	17.585	ng	#	1
8) 2-Chlorophenol	6.55	128	446949	43.500	ng		97
9) Benzaldehyde	6.30	77	191047	24.696	ng		99
10) Phenol	6.42	94	510148	40.750	ng		95
11) bis(2-Chloroethyl)ether	6.49	93	411139	42.922	ng		97
12) 1,3-Dichlorobenzene	6.70	146	492058	39.957	ng		99
13) 1,4-Dichlorobenzene	6.77	146	501086	40.662	ng		99
14) 1,2-Dichlorobenzene	6.93	146	467780	41.622	ng		98
15) Benzyl Alcohol	6.90	79	364958	43.611	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	333613	40.206	ng		89
17) 2-Methylphenol	7.02	107	347455	41.710	ng		97
18) Hexachloroethane	7.27	117	162122	36.772	ng		100
19) n-Nitroso-di-n-propylamine	7.17	70	284648	42.189	ng		98
20) 3+4-Methylphenols	7.17	107	426724	41.812	ng	#	77
22) Acetophenone	7.17	105	574337	44.558	ng		96
24) Nitrobenzene	7.34	77	433850	41.581	ng		100
25) Isophorone	7.58	82	783225	42.744	ng		100
26) 2-Nitrophenol	7.66	139	235132	42.532	ng		98
27) 2,4-Dimethylphenol	7.70	122	358875	47.831	ng		97
28) bis(2-Chloroethoxy)methane	7.79	93	487595	40.882	ng		99
29) 2,4-Dichlorophenol	7.90	162	360933	40.863	ng		100
30) 1,2,4-Trichlorobenzene	7.98	180	411381	39.282	ng		99
31) Naphthalene	8.06	128	1189702	41.178	ng		99
32) Benzoic acid	7.83	122	175389	34.258	ng		97
33) 4-Chloroaniline	8.11	127	150204	12.087	ng		98
34) Hexachlorobutadiene	8.18	225	253928	38.927	ng		98
35) Caprolactam	8.47	113	109289m	40.184	ng		
36) 4-Chloro-3-methylphenol	8.60	107	352728	39.459	ng		98
37) 2-Methylnaphthalene	8.75	142	786730	40.463	ng		99
38) 1-Methylnaphthalene	8.85	142	730980	39.976	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	388597	43.711	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF118998.D
Acq On : 21 Feb 2020 17:52
Operator : CG/JU
Sample : L1613-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

Manual Integrations APPROVED
mohammad
2/24/2020 2:11:32 PM

Quant Time: Feb 24 02:38:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	47708	22.406 ng	99
43) 2,4,6-Trichlorophenol	9.03	196	244749	43.596 ng	100
44) 2,4,5-Trichlorophenol	9.08	196	252398	42.844 ng	97
46) 1,1'-Biphenyl	9.22	154	916274	42.996 ng	99
47) 2-Chloronaphthalene	9.24	162	719067	41.872 ng	99
48) 2-Nitroaniline	9.33	65	191599	40.001 ng	97
49) Acenaphthylene	9.66	152	1067857	43.054 ng	99
50) Dimethylphthalate	9.52	163	1039025	51.532 ng	99
51) 2,6-Dinitrotoluene	9.58	165	187733	41.908 ng	92
52) Acenaphthene	9.83	154	615744	41.171 ng	99
53) 3-Nitroaniline	9.75	138	98780	19.891 ng	96
54) 2,4-Dinitrophenol	9.86	184	44699	26.087 ng	94
55) Dibenzofuran	10.00	168	935050	41.887 ng	98
56) 4-Nitrophenol	9.92	139	253140	84.839 ng	98
57) 2,4-Dinitrotoluene	9.99	165	232536	40.048 ng	98
58) Fluorene	10.34	166	711360	41.010 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	195057	39.240 ng	100
60) Diethylphthalate	10.22	149	804569	42.343 ng	99
61) 4-Chlorophenyl-phenylether	10.33	204	378423	41.215 ng	95
62) 4-Nitroaniline	10.36	138	140746	27.701 ng	97
63) Azobenzene	10.49	77	664907	40.258 ng	96
65) 4,6-Dinitro-2-methylphenol	10.40	198	49590	18.645 ng	98
66) n-Nitrosodiphenylamine	10.45	169	647485	44.989 ng	98
67) 4-Bromophenyl-phenylether	10.82	248	239841	41.746 ng	95
68) Hexachlorobenzene	10.89	284	262908	39.690 ng	100
69) Atrazine	10.98	200	220514	43.854 ng	97
70) Pentachlorophenol	11.09	266	248490	93.127 ng	98
71) Phenanthrene	11.30	178	1008431	42.071 ng	100
72) Anthracene	11.35	178	1026403	42.856 ng	99
73) Carbazole	11.50	167	895390	41.965 ng	99
74) Di-n-butylphthalate	11.83	149	1142966	44.235 ng	99
75) Fluoranthene	12.49	202	1079130	42.413 ng	99
77) Benzidine	12.61	184	742147	52.750 ng	98
78) Pyrene	12.72	202	1082757	38.978 ng	100
80) Butylbenzylphthalate	13.33	149	460283	39.370 ng	99
81) Benzo(a)anthracene	13.90	228	978184	41.499 ng	99
82) 3,3'-Dichlorobenzidine	13.86	252	376613	41.147 ng	99
83) Chrysene	13.94	228	943378	40.166 ng	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	642573	43.504 ng	100
85) Di-n-octyl phthalate	14.50	149	1075526	45.702 ng	100
86) Indeno(1,2,3-cd)pyrene	16.75	276	763826	33.587 ng	98
88) Benzo(b)fluoranthene	14.93	252	913841	42.849 ng	99
89) Benzo(k)fluoranthene	14.96	252	864225	43.727 ng	99
90) Benzo(a)pyrene	15.28	252	770073	40.007 ng	99
91) Dibenzo(a,h)anthracene	16.76	278	646859	38.194 ng	98
92) Benzo(g,h,i)perylene	17.17	276	609816	36.442 ng	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF118998.D
Acq On : 21 Feb 2020 17:52
Operator : CG/JU
Sample : L1613-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 24 02:38:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

Manual Integrations APPROVED
mohammad
2/24/2020 2:11:32 PM