Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119904.D
Acq On : 10 Apr 2020 19:33
Operator : MA/SJ
Sample : L2178-04MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1DMSD

Manual Integrations APPROVED
mohammad
4/14/2020 3:39:16 PM

Quant Time: Apr 11 02:28:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 10 13:48:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	189075	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	725374	20.00	ng		0.00
39) Acenaphthene-d10	9.80	164	378634	20.00	ng		0.00
64) Phenanthrene-d10	11.29	188	710486	20.00	ng		0.00
76) Chrysene-d12	13.93	240	434382	20.00	ng		0.00
87) Perylene-d12	15.36	264	382960	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	823248	75.25	ng		0.00
7) Phenol-d6	6.39	99	661590	46.93	ng		0.00
23) Nitrobenzene-d5	7.32	82	1477034	105.34	ng		0.00
42) 2,4,6-Tribromophenol	10.59	330	685761	147.93	ng		0.00
45) 2-Fluorobiphenyl	9.12	172	2724536	102.16	ng		0.00
79) Terphenyl-d14	12.87	244	2567742	99.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	90017	18.473	ng		98
3) Pyridine	3.20	79	203549	15.225	ng		99
4) n-Nitrosodimethylamine	3.13	42	147864	21.646	ng		92
6) Aniline	6.42	93	349751	18.902	ng		98
8) 2-Chlorophenol	6.54	128	597861	48.908	ng		100
9) Benzaldehyde	6.30	77	411820	Below Cal			99
10) Phenol	6.40	94	292410	18.283	ng		94
11) bis(2-Chloroethyl)ether	6.49	93	693742	56.178	ng		97
12) 1,3-Dichlorobenzene	6.69	146	674710	50.415	ng		99
13) 1,4-Dichlorobenzene	6.77	146	690120	50.622	ng		99
14) 1,2-Dichlorobenzene	6.93	146	649296	51.679	ng		97
15) Benzyl Alcohol	6.90	79	373196	34.083	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	1248479	51.954	ng		97
17) 2-Methylphenol	7.02	107	395718	36.274	ng		94
18) Hexachloroethane	7.27	117	256613	50.366	ng		94
19) n-Nitroso-di-n-propylamine	7.18	70	520467	57.412	ng		99
20) 3+4-Methylphenols	7.17	107	424021	31.780	ng	#	71
22) Acetophenone	7.17	105	980129	57.702	ng	#	96
24) Nitrobenzene	7.35	77	787980	55.866	ng		96
25) Isophorone	7.58	82	1459291	53.990	ng		99
26) 2-Nitrophenol	7.66	139	395807	56.168	ng		98
27) 2,4-Dimethylphenol	7.70	122	546122	51.385	ng		100
28) bis(2-Chloroethoxy)methane	7.79	93	912490	57.371	ng		99
29) 2,4-Dichlorophenol	7.90	162	567763	52.117	ng		99
30) 1,2,4-Trichlorobenzene	7.98	180	625647	50.686	ng		100
31) Naphthalene	8.06	128	1999098	52.382	ng		99
32) Benzoic acid	7.79	122	121221	12.987	ng		98
33) 4-Chloroaniline	8.11	127	225981	13.602	ng		97
34) Hexachlorobutadiene	8.18	225	350393	47.421	ng		98
35) Caprolactam	8.50	113	28032m	8.412	ng		
36) 4-Chloro-3-methylphenol	8.59	107	581022	49.262	ng		97
37) 2-Methylnaphthalene	8.76	142	1410344	54.508	ng		99
38) 1-Methylnaphthalene	8.86	142	1316962	54.002	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	604989	50.589	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119904.D
Acq On : 10 Apr 2020 19:33
Operator : MA/SJ
Sample : L2178-04MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1DMSD

Manual Integrations APPROVED
mohammad
4/14/2020 3:39:16 PM

Quant Time: Apr 11 02:28:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 10 13:48:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	656116	96.484	ng		98
43) 2,4,6-Trichlorophenol	9.03	196	451023	54.616	ng		99
44) 2,4,5-Trichlorophenol	9.07	196	460148	49.472	ng		97
46) 1,1'-Biphenyl	9.22	154	1674871	52.407	ng		98
47) 2-Chloronaphthalene	9.25	162	1297297	52.694	ng		96
48) 2-Nitroaniline	9.35	65	480746	53.885	ng		98
49) Acenaphthylene	9.66	152	2032625	54.288	ng		99
50) Dimethylphthalate	9.53	163	1663412	56.797	ng		99
51) 2,6-Dinitrotoluene	9.59	165	359821	56.105	ng	#	83
52) Acenaphthene	9.83	154	1481651m	59.323	ng		
53) 3-Nitroaniline	9.75	138	131810	17.995	ng		96
54) 2,4-Dinitrophenol	9.87	184	427648	111.377	ng		96
55) Dibenzofuran	10.00	168	1818210	53.050	ng		97
56) 4-Nitrophenol	9.92	139	196754	36.102	ng		93
57) 2,4-Dinitrotoluene	9.99	165	470685	55.705	ng		93
58) Fluorene	10.35	166	1412081	51.517	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	391177	54.990	ng		99
60) Diethylphthalate	10.23	149	1581630	52.106	ng		99
61) 4-Chlorophenyl-phenylether	10.34	204	683385	48.644	ng		96
62) 4-Nitroaniline	10.37	138	328097	47.002	ng		98
63) Azobenzene	10.50	77	1497074	55.034	ng		98
65) 4,6-Dinitro-2-methylphenol	10.40	198	271160	57.931	ng		86
66) n-Nitrosodiphenylamine	10.46	169	1303023	55.146	ng		99
67) 4-Bromophenyl-phenylether	10.83	248	457105	51.734	ng		96
68) Hexachlorobenzene	10.90	284	485328	54.146	ng		99
69) Atrazine	11.00	200	390516	59.401	ng		98
70) Pentachlorophenol	11.09	266	529468	102.503	ng		98
71) Phenanthrene	11.32	178	2038441	53.909	ng		98
72) Anthracene	11.36	178	2116765	54.799	ng		99
73) Carbazole	11.52	167	1915835	52.446	ng		98
74) Di-n-butylphthalate	11.85	149	2415486	50.300	ng		99
75) Fluoranthene	12.50	202	2205918	54.067	ng		99
77) Benzidine	12.62	184	373779	25.456	ng		97
78) Pyrene	12.73	202	2159708	58.977	ng		98
80) Butylbenzylphthalate	13.35	149	928692	52.265	ng		98
81) Benzo(a)anthracene	13.92	228	1524704	53.355	ng		100
82) 3,3'-Dichlorobenzidine	13.88	252	282740	26.517	ng		95
83) Chrysene	13.96	228	1602981	55.206	ng		99
84) Bis(2-ethylhexyl)phthalate	13.92	149	1153473	47.936	ng		100
85) Di-n-octyl phthalate	14.53	149	1884095	45.986	ng		99
86) Indeno(1,2,3-cd)pyrene	16.77	276	1480424	57.840	ng		99
88) Benzo(b)fluoranthene	14.95	252	1442882	52.375	ng		99
89) Benzo(k)fluoranthene	14.98	252	1366299	57.480	ng		99
90) Benzo(a)pyrene	15.30	252	1252204	54.060	ng		99
91) Dibenzo(a,h)anthracene	16.79	278	1217505	59.339	ng		98
92) Benzo(g,h,i)perylene	17.20	276	1245296	61.486	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119904.D
Acq On : 10 Apr 2020 19:33
Operator : MA/SJ
Sample : L2178-04MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 11 02:28:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 10 13:48:19 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MW-1DMSD

Manual Integrations APPROVED
mohammad
4/14/2020 3:39:16 PM