Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119516.D
Acq On : 25 Mar 2020 21:38
Operator : CG/JU
Sample : L1754-04MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Manual Integrations APPROVED
mohammad
3/27/2020 8:12:08 AM

Quant Time: Mar 26 03:30:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	368778	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	1422586	20.00	ng		-0.02
39) Acenaphthene-d10	9.89	164	751500	20.00	ng		-0.01
64) Phenanthrene-d10	11.38	188	1420900	20.00	ng		-0.01
76) Chrysene-d12	14.03	240	956729	20.00	ng		0.00
87) Perylene-d12	15.49	264	891764	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	2914297	125.80	ng		0.02
7) Phenol-d6	6.48	99	3444952	116.41	ng		0.00
23) Nitrobenzene-d5	7.42	82	2670847	102.04	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	1229591	158.60	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	4855809	95.73	ng		0.00
79) Terphenyl-d14	12.97	244	4880160	99.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	450784	39.399	ng		98
3) Pyridine	3.53	79	872714	27.687	ng		98
4) n-Nitrosodimethylamine	3.47	42	679551	44.209	ng		99
6) Aniline	6.51	93	799604	19.578	ng		98
8) 2-Chlorophenol	6.63	128	1344032	55.240	ng		99
9) Benzaldehyde	6.40	77	647904	34.513	ng		97
10) Phenol	6.49	94	1386736	43.917	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	1407628	55.738	ng		99
12) 1,3-Dichlorobenzene	6.79	146	1272602	48.327	ng		99
13) 1,4-Dichlorobenzene	6.86	146	1298880	49.313	ng		100
14) 1,2-Dichlorobenzene	7.02	146	1202768	48.854	ng		98
15) Benzyl Alcohol	6.99	79	1141009	51.258	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	2457441	48.242	ng		96
17) 2-Methylphenol	7.10	107	1069243	47.964	ng		97
18) Hexachloroethane	7.36	117	502634	52.072	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	988448	55.416	ng		98
20) 3+4-Methylphenols	7.25	107	1238359m	45.327	ng		
22) Acetophenone	7.26	105	1777138	52.281	ng	#	87
24) Nitrobenzene	7.43	77	1434314	51.274	ng		95
25) Isophorone	7.67	82	2738463	51.574	ng		98
26) 2-Nitrophenol	7.75	139	733513	66.597	ng		100
27) 2,4-Dimethylphenol	7.78	122	1231361	54.067	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	1732085	55.165	ng		98
29) 2,4-Dichlorophenol	7.99	162	1139116	54.435	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	1201749	51.928	ng		98
31) Naphthalene	8.15	128	3676529	50.220	ng		98
32) Benzoic acid	7.92	122	870655	59.430	ng		97
33) 4-Chloroaniline	8.20	127	417870	12.457	ng		96
34) Hexachlorobutadiene	8.27	225	680675	52.568	ng		97
35) Caprolactam	8.59	113	304178m	44.414	ng		
36) 4-Chloro-3-methylphenol	8.69	107	1236141	54.047	ng		99
37) 2-Methylnaphthalene	8.85	142	2640780	54.964	ng		99
38) 1-Methylnaphthalene	8.95	142	2505631	55.098	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	1114541	50.599	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119516.D
Acq On : 25 Mar 2020 21:38
Operator : CG/JU
Sample : L1754-04MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Manual Integrations APPROVED
mohammad
3/27/2020 8:12:08 AM

Quant Time: Mar 26 03:30:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	1217578	97.230	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	891104	56.531	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	877250	49.679	ng		97
46) 1,1'-Biphenyl	9.32	154	3116520	50.918	ng		98
47) 2-Chloronaphthalene	9.34	162	2422480	50.528	ng		99
48) 2-Nitroaniline	9.43	65	904360	54.650	ng		98
49) Acenaphthylene	9.76	152	3744223	49.732	ng		98
50) Dimethylphthalate	9.62	163	3130626	58.649	ng		98
51) 2,6-Dinitrotoluene	9.68	165	663378	57.980	ng		86
52) Acenaphthene	9.93	154	2442525	52.040	ng		98
53) 3-Nitroaniline	9.85	138	358573	24.824	ng		94
54) 2,4-Dinitrophenol	9.95	184	693697	134.653	ng		94
55) Dibenzofuran	10.10	168	3357840	49.898	ng		99
56) 4-Nitrophenol	10.01	139	991567	87.017	ng		89
57) 2,4-Dinitrotoluene	10.09	165	847548	58.803	ng		91
58) Fluorene	10.45	166	2548695	51.217	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	740027	56.066	ng		97
60) Diethylphthalate	10.32	149	2943992	54.340	ng		98
61) 4-Chlorophenyl-phenylether	10.43	204	1261904	51.856	ng		97
62) 4-Nitroaniline	10.47	138	685955	49.522	ng		98
63) Azobenzene	10.60	77	2783156	51.014	ng		95
65) 4,6-Dinitro-2-methylphenol	10.49	198	452723	75.983	ng		91
66) n-Nitrosodiphenylamine	10.56	169	2414741	51.767	ng		98
67) 4-Bromophenyl-phenylether	10.93	248	849984	52.526	ng		94
68) Hexachlorobenzene	10.99	284	910063	54.948	ng		96
69) Atrazine	11.09	200	722488	56.497	ng		100
70) Pentachlorophenol	11.19	266	1011054	104.111	ng		99
71) Phenanthrene	11.41	178	3592489	48.760	ng		98
72) Anthracene	11.46	178	3676503	49.098	ng		98
73) Carbazole	11.61	167	3474757	46.881	ng		97
74) Di-n-butylphthalate	11.94	149	4365518	55.060	ng	#	96
75) Fluoranthene	12.60	202	3823568	47.953	ng		98
77) Benzidine	12.72	184	1351277	33.374	ng		97
78) Pyrene	12.83	202	3821517	48.671	ng		97
80) Butylbenzylphthalate	13.44	149	1974485	62.175	ng		97
81) Benzo(a)anthracene	14.02	228	3012595	48.423	ng		98
82) 3,3'-Dichlorobenzidine	13.97	252	755800	30.811	ng		97
83) Chrysene	14.06	228	3120541	48.601	ng		97
84) Bis(2-ethylhexyl)phthalate	14.01	149	2517135	66.491	ng		99
85) Di-n-octyl phthalate	14.62	149	4490590	67.447	ng	#	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	2935013	48.536	ng		98
88) Benzo(b)fluoranthene	15.07	252	3319652	55.727	ng		98
89) Benzo(k)fluoranthene	15.10	252	2833489	49.954	ng		99
90) Benzo(a)pyrene	15.43	252	2726768	50.369	ng		98
91) Dibenzo(a,h)anthracene	16.99	278	2391815	50.512	ng		98
92) Benzo(g,h,i)perylene	17.41	276	2368480	49.789	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119516.D
Acq On : 25 Mar 2020 21:38
Operator : CG/JU
Sample : L1754-04MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 26 03:30:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Manual Integrations APPROVED
mohammad
3/27/2020 8:12:08 AM