Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120742.D
Acq On : 29 Jun 2020 22:06
Operator : JU/CG
Sample : L2811-04MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Manual Integrations APPROVED
mohammad
6/30/2020 4:15:05 PM

Quant Time: Jun 30 02:27:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 15:30:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	58165	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	217657	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	110557	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	205783	20.00	ng		0.01
76) Chrysene-d12	13.97	240	368588	20.00	ng		0.01
86) Perylene-d12	15.41	264	417287	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	461023	135.89	ng		0.09
7) Phenol-d6	6.51	99	502139	118.84	ng		0.08
23) Nitrobenzene-d5	7.37	82	409168	105.08	ng		0.01
42) 2,4,6-Tribromophenol	10.64	330	188990	147.03	ng		0.02
45) 2-Fluorobiphenyl	9.16	172	828917	114.71	ng		0.00
79) Terphenyl-d14	12.91	244	1605268	96.20	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	123133	76.578	ng		97
3) Pyridine	3.39	79	307348	67.994	ng		99
4) n-Nitrosodimethylamine	3.31	42	172539	91.977	ng		96
6) Aniline	6.47	93	145462	26.899	ng		98
8) 2-Chlorophenol	6.62	128	196787	51.330	ng		95
9) Benzaldehyde	6.35	77	47498	17.772	ng		100
10) Phenol	6.53	94	190895	42.342	ng		87
11) bis(2-Chloroethyl)ether	6.53	93	187464	49.921	ng		99
12) 1,3-Dichlorobenzene	6.74	146	213274	52.328	ng		96
13) 1,4-Dichlorobenzene	6.82	146	221376	55.051	ng		100
14) 1,2-Dichlorobenzene	6.97	146	198783	50.746	ng		98
15) Benzyl Alcohol	6.97	79	161387	53.857	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	236525	43.744	ng		100
17) 2-Methylphenol	7.10	107	152377	46.601	ng		95
18) Hexachloroethane	7.31	117	69565	46.947	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	137216	55.982	ng		96
20) 3+4-Methylphenols	7.26	107	198746	48.641	ng	#	62
22) Acetophenone	7.22	105	273707	56.248	ng	#	90
24) Nitrobenzene	7.39	77	209386	51.385	ng		98
25) Isophorone	7.63	82	362812	47.832	ng		99
26) 2-Nitrophenol	7.70	139	96874	44.938	ng		94
27) 2,4-Dimethylphenol	7.77	122	157803	49.716	ng		96
28) bis(2-Chloroethoxy)methane	7.83	93	228258	51.913	ng		99
29) 2,4-Dichlorophenol	7.97	162	168181	52.126	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	189796	53.081	ng		98
31) Naphthalene	8.10	128	580926	54.355	ng		99
32) Benzoic acid	7.92	122	77030	31.630	ng		94
33) 4-Chloroaniline	8.16	127	96333	19.637	ng		96
34) Hexachlorobutadiene	8.22	225	116311	55.805	ng		99
35) Caprolactam	8.55	113	38551	37.358	ng		96
36) 4-Chloro-3-methylphenol	8.68	107	172594	53.543	ng		95
37) 2-Methylnaphthalene	8.80	142	397785	57.014	ng		98
38) 1-Methylnaphthalene	8.89	142	376806	57.395	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	191792	58.099	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120742.D
Acq On : 29 Jun 2020 22:06
Operator : JU/CG
Sample : L2811-04MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Manual Integrations APPROVED
mohammad
6/30/2020 4:15:05 PM

Quant Time: Jun 30 02:27:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 15:30:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	33725	18.231	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	122311	52.232	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	121129	45.593	ng		96
46) 1,1'-Biphenyl	9.26	154	484570	58.697	ng		99
47) 2-Chloronaphthalene	9.29	162	372848	55.231	ng		98
48) 2-Nitroaniline	9.40	65	115114	54.294	ng		100
49) Acenaphthylene	9.70	152	566755	54.399	ng		100
50) Dimethylphthalate	9.56	163	451714	56.731	ng		99
51) 2,6-Dinitrotoluene	9.63	165	94352	52.287	ng		96
52) Acenaphthene	9.87	154	341310	54.929	ng		98
53) 3-Nitroaniline	9.81	138	77828	35.909	ng		95
54) 2,4-Dinitrophenol	9.92	184	1206	4.158	ng	#	85
55) Dibenzofuran	10.05	168	512855	53.829	ng		97
56) 4-Nitrophenol	10.02	139	87247m	53.449	ng		
57) 2,4-Dinitrotoluene	10.03	165	116300	48.571	ng	#	76
58) Fluorene	10.39	166	416477	56.705	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	100946	48.297	ng	#	94
60) Diethylphthalate	10.26	149	451214	57.538	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	205079	54.069	ng	#	90
62) 4-Nitroaniline	10.43	138	91831	42.679	ng		89
63) Azobenzene	10.54	77	379847	53.361	ng		98
65) 4,6-Dinitro-2-methylphenol	10.45	198	6345	5.139	ng		97
66) n-Nitrosodiphenylamine	10.50	169	365656	57.862	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	128651	55.086	ng		99
68) Hexachlorobenzene	10.93	284	140232	55.847	ng		99
69) Atrazine	11.03	200	96669	49.433	ng		99
70) Pentachlorophenol	11.15	266	79235	56.758	ng		98
71) Phenanthrene	11.35	178	570213	55.742	ng		99
72) Anthracene	11.40	178	591093	57.326	ng		98
73) Carbazole	11.57	167	524440	51.381	ng		99
74) Di-n-butylphthalate	11.89	149	692730	60.369	ng		99
75) Fluoranthene	12.54	202	589751	50.425	ng		99
77) Benzidine	12.66	184	183342	14.708	ng		98
78) Pyrene	12.77	202	979028	37.494	ng		100
80) Butylbenzylphthalate	13.39	149	481962	41.568	ng		99
81) Benzo(a)anthracene	13.96	228	1169266	52.802	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	426543	50.428	ng		98
83) Chrysene	14.00	228	1148612	50.567	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	820212	57.965	ng		99
85) Di-n-octyl phthalate	14.55	149	1384887	51.282	ng		99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1286243	50.674	ng		99
88) Benzo(b)fluoranthene	15.00	252	1253137	50.414	ng		100
89) Benzo(k)fluoranthene	15.03	252	1157345	52.619	ng		98
90) Benzo(a)pyrene	15.36	252	1124863	50.565	ng		98
91) Dibenzo(a,h)anthracene	16.87	278	1071289	52.632	ng		99
92) Benzo(g,h,i)perylene	17.29	276	1002994	48.887	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120742.D
Acq On : 29 Jun 2020 22:06
Operator : JU/CG
Sample : L2811-04MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 30 02:27:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 15:30:14 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Manual Integrations APPROVED
mohammad
6/30/2020 4:15:05 PM