Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114569.D
Acq On : 24 May 2019 14:49
Operator : JU/SJ
Sample : K2838-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FEBH-05(33-33.5)MSD

Manual Integrations APPROVED
mohammad
5/27/2019 3:48:03 AM

Quant Time: May 24 22:48:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	140323	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	546567	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	266444	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	547003	20.00	ng		0.00
76) Chrysene-d12	13.99	240	392042	20.00	ng		0.00
87) Perylene-d12	15.45	264	407585	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1076502	123.46	ng		0.00
7) Phenol-d6	6.46	99	1385866	134.38	ng		0.00
23) Nitrobenzene-d5	7.38	82	841210	86.37	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	355357	129.01	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1501508	85.24	ng		0.00
79) Terphenyl-d14	12.92	244	1546205	81.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	150849	31.474	ng		98
3) Pyridine	3.32	79	393991	29.836	ng		97
4) n-Nitrosodimethylamine	3.26	42	233655	36.692	ng		99
6) Aniline	6.48	93	367857	24.693	ng	#	20
8) 2-Chlorophenol	6.61	128	444037	47.701	ng		91
9) Benzaldehyde	6.37	77	302466	41.893	ng		98
10) Phenol	6.48	94	540083	44.517	ng		90
11) bis(2-Chloroethyl)ether	6.55	93	417756	45.357	ng		97
12) 1,3-Dichlorobenzene	6.76	146	447254	42.803	ng		98
13) 1,4-Dichlorobenzene	6.83	146	457839	43.482	ng		99
14) 1,2-Dichlorobenzene	6.99	146	432728	44.983	ng		99
15) Benzyl Alcohol	6.96	79	362427	45.058	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	757039	42.391	ng		64
17) 2-Methylphenol	7.08	107	343457	44.915	ng	#	90
18) Hexachloroethane	7.32	117	165030	41.755	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	298678	45.691	ng		100
20) 3+4-Methylphenols	7.23	107	452823	51.254	ng	#	68
22) Acetophenone	7.22	105	590751	48.789	ng	#	89
24) Nitrobenzene	7.40	77	460960	46.470	ng		97
25) Isophorone	7.63	82	837947	46.392	ng		99
26) 2-Nitrophenol	7.72	139	239579	49.782	ng		99
27) 2,4-Dimethylphenol	7.76	122	370954	49.077	ng		100
28) bis(2-Chloroethoxy)methane	7.84	93	536910	45.813	ng		98
29) 2,4-Dichlorophenol	7.96	162	370490	49.225	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	387277	45.250	ng		99
31) Naphthalene	8.12	128	1234442	48.351	ng		98
32) Benzoic acid	7.87	122	52190	15.288	ng		99
33) 4-Chloroaniline	8.17	127	212472	18.263	ng		99
34) Hexachlorobutadiene	8.23	225	210904	43.309	ng		99
35) Caprolactam	8.54	113	128435m	52.333	ng		
36) 4-Chloro-3-methylphenol	8.67	107	393678	51.963	ng		99
37) 2-Methylnaphthalene	8.81	142	840792	51.042	ng		97
38) 1-Methylnaphthalene	8.91	142	792636	51.097	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	382569	47.400	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114569.D
Acq On : 24 May 2019 14:49
Operator : JU/SJ
Sample : K2838-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)MSD

Manual Integrations APPROVED
mohammad
5/27/2019 3:48:03 AM

Quant Time: May 24 22:48:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	116201	33.557	ng		96
43) 2,4,6-Trichlorophenol	9.10	196	248466	44.756	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	262343	46.079	ng		96
46) 1,1'-Biphenyl	9.27	154	1032830	47.983	ng		97
47) 2-Chloronaphthalene	9.30	162	785298	45.332	ng		99
48) 2-Nitroaniline	9.40	65	271960	44.267	ng		91
49) Acenaphthylene	9.72	152	1263264	47.946	ng		99
50) Dimethylphthalate	9.57	163	1136490	58.104	ng		99
51) 2,6-Dinitrotoluene	9.65	165	209376	48.262	ng	#	85
52) Acenaphthene	9.89	154	739655	45.748	ng		99
53) 3-Nitroaniline	9.82	138	150089	27.870	ng		96
54) 2,4-Dinitrophenol	9.94	184	104418	50.576	ng		91
55) Dibenzofuran	10.06	168	1069593	45.115	ng		99
56) 4-Nitrophenol	10.00	139	246485	64.721	ng		99
57) 2,4-Dinitrotoluene	10.06	165	265332	45.061	ng	#	81
58) Fluorene	10.40	166	894124	48.827	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	221312	45.051	ng		98
60) Diethylphthalate	10.27	149	965639	48.589	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	424197	47.164	ng		97
62) 4-Nitroaniline	10.43	138	233862	41.326	ng		97
63) Azobenzene	10.55	77	896078	46.582	ng		98
65) 4,6-Dinitro-2-methylphenol	10.47	198	112159	42.672	ng		99
66) n-Nitrosodiphenylamine	10.51	169	808081	48.675	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	271125	45.017	ng		98
68) Hexachlorobenzene	10.96	284	290932	43.665	ng		96
69) Atrazine	11.04	200	254646	49.289	ng		97
70) Pentachlorophenol	11.16	266	208861	66.128	ng		100
71) Phenanthrene	11.36	178	1301586	48.909	ng		99
72) Anthracene	11.42	178	1343501	50.262	ng		99
73) Carbazole	11.57	167	1281455	50.274	ng		99
74) Di-n-butylphthalate	11.89	149	1524077	51.900	ng		99
75) Fluoranthene	12.56	202	1436948	50.141	ng		99
77) Benzidine	12.67	184	284151	16.147	ng		95
78) Pyrene	12.79	202	1437742	45.588	ng		99
80) Butylbenzylphthalate	13.39	149	669728	50.452	ng		96
81) Benzo(a)anthracene	13.97	228	1185996	46.772	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	338412	34.403	ng	#	98
83) Chrysene	14.02	228	1167564	46.971	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	921907	53.101	ng		100
85) Di-n-octyl phthalate	14.56	149	1519297	53.983	ng		98
86) Indeno(1,2,3-cd)pyrene	16.94	276	1269619	57.793	ng		99
88) Benzo(b)fluoranthene	15.03	252	1245732	47.707	ng		100
89) Benzo(k)fluoranthene	15.06	252	1035658	43.176	ng		98
90) Benzo(a)pyrene	15.40	252	1111210	48.354	ng		97
91) Dibenzo(a,h)anthracene	16.94	278	1070045	56.035	ng		98
92) Benzo(g,h,i)perylene	17.38	276	1114350	58.230	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114569.D
Acq On : 24 May 2019 14:49
Operator : JU/SJ
Sample : K2838-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 24 22:48:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
FEBH-05(33-33.5)MSD

Manual Integrations APPROVED
mohammad
5/27/2019 3:48:03 AM