Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
Data File : BF114437.D
Acq On : 20 May 2019 14:32
Operator : JU/SJ
Sample : K2905-09MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GIS-2MSD

Quant Time: May 21 11:16:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	189475	20.00	ng		-0.01
21) Naphthalene-d8	8.11	136	705912	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	315485	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	547741	20.00	ng		0.00
76) Chrysene-d12	13.99	240	360597	20.00	ng		-0.01
87) Perylene-d12	15.46	264	482236	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1153881	98.00	ng		0.00
7) Phenol-d6	6.48	99	1486649	106.76	ng		0.00
23) Nitrobenzene-d5	7.39	82	905863	72.02	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	299955	91.97	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1465722	70.28	ng		0.00
79) Terphenyl-d14	12.93	244	1117472	63.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	171709	26.532	ng		98
3) Pyridine	3.40	79	136676	7.665	ng		98
4) n-Nitrosodimethylamine	3.31	42	257115	29.902	ng		98
6) Aniline	6.49	93	418212	20.790	ng	#	18
8) 2-Chlorophenol	6.62	128	465802	37.058	ng		96
9) Benzaldehyde	6.38	77	343709	35.256	ng		100
10) Phenol	6.49	94	592761	36.185	ng		92
11) bis(2-Chloroethyl)ether	6.56	93	447190	35.957	ng		98
12) 1,3-Dichlorobenzene	6.77	146	478624	33.923	ng		97
13) 1,4-Dichlorobenzene	6.85	146	486108	34.191	ng		97
14) 1,2-Dichlorobenzene	7.00	146	457081	35.189	ng		98
15) Benzyl Alcohol	6.97	79	381693	35.143	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	802147	33.265	ng		84
17) 2-Methylphenol	7.09	107	365285	35.378	ng		96
18) Hexachloroethane	7.34	117	176857	33.139	ng		100
19) n-Nitroso-di-n-propylamine	7.24	70	305543	34.616	ng		96
20) 3+4-Methylphenols	7.25	107	455744	38.203	ng	#	77
22) Acetophenone	7.24	105	613623	39.239	ng	#	91
24) Nitrobenzene	7.41	77	482421	37.656	ng		98
25) Isophorone	7.65	82	846562	36.289	ng		99
26) 2-Nitrophenol	7.73	139	246807	39.708	ng		98
27) 2,4-Dimethylphenol	7.77	122	377113	38.630	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	544608	35.980	ng		98
29) 2,4-Dichlorophenol	7.98	162	368408	37.899	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	392526	35.511	ng		98
31) Naphthalene	8.13	128	1265531	38.379	ng		98
32) Benzoic acid	7.90	122	167990	27.625	ng		99
33) 4-Chloroaniline	8.19	127	446449	29.711	ng		98
34) Hexachlorobutadiene	8.25	225	213632	33.967	ng		99
35) Caprolactam	8.55	113	117998	37.227	ng		98
36) 4-Chloro-3-methylphenol	8.67	107	380317	38.868	ng		97
37) 2-Methylnaphthalene	8.83	142	812189	38.176	ng		98
38) 1-Methylnaphthalene	8.92	142	772127	38.539	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	370894	38.810	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
Data File : BF114437.D
Acq On : 20 May 2019 14:32
Operator : JU/SJ
Sample : K2905-09MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GIS-2MSD

Quant Time: May 21 11:16:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	116859	29.152 ng	98
43) 2,4,6-Trichlorophenol	9.11	196	237204	36.085 ng	98
44) 2,4,5-Trichlorophenol	9.16	196	251897	37.366 ng	96
46) 1,1'-Biphenyl	9.29	154	974936	38.252 ng	99
47) 2-Chloronaphthalene	9.32	162	749796	36.555 ng	96
48) 2-Nitroaniline	9.42	65	262887	36.139 ng	93
49) Acenaphthylene	9.73	152	1174117	37.636 ng	98
50) Dimethylphthalate	9.59	163	1069661	46.187 ng	100
51) 2,6-Dinitrotoluene	9.65	165	192554	37.485 ng	97
52) Acenaphthene	9.90	154	671178	35.060 ng	99
53) 3-Nitroaniline	9.83	138	186871	29.306 ng	93
54) 2,4-Dinitrophenol	9.95	184	117386	48.360 ng	94
55) Dibenzofuran	10.07	168	996397	35.495 ng	96
56) 4-Nitrophenol	10.00	139	239635	53.141 ng	95
57) 2,4-Dinitrotoluene	10.06	165	239295	34.322 ng	92
58) Fluorene	10.42	166	779807	35.964 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	201061	34.566 ng	97
60) Diethylphthalate	10.28	149	805854	34.246 ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	379263	35.613 ng	98
62) 4-Nitroaniline	10.44	138	210512	31.417 ng	96
63) Azobenzene	10.56	77	773849	33.974 ng	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	87366	33.194 ng	99
66) n-Nitrosodiphenylamine	10.52	169	663991	39.942 ng	98
67) 4-Bromophenyl-phenylether	10.89	248	222506	36.895 ng	98
68) Hexachlorobenzene	10.97	284	236469	35.443 ng	97
69) Atrazine	11.05	200	191008	36.922 ng	99
70) Pentachlorophenol	11.17	266	165142	52.216 ng	97
71) Phenanthrene	11.37	178	1012535	37.996 ng	98
72) Anthracene	11.43	178	1039491	38.836 ng	98
73) Carbazole	11.59	167	967862	37.920 ng	98
74) Di-n-butylphthalate	11.90	149	1072851	36.485 ng	100
75) Fluoranthene	12.56	202	944505	32.913 ng	98
77) Benzidine	12.69	184	16804	1.038 ng	96
78) Pyrene	12.79	202	954580	32.907 ng	99
80) Butylbenzylphthalate	13.40	149	379041	31.044 ng	96
81) Benzo(a)anthracene	13.99	228	848704	36.389 ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	264472	29.231 ng	97
83) Chrysene	14.02	228	839266	36.708 ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	501896	31.430 ng	98
85) Di-n-octyl phthalate	14.57	149	910328	35.166 ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	1094046	54.144 ng	99
88) Benzo(b)fluoranthene	15.03	252	987293	31.957 ng	99
89) Benzo(k)fluoranthene	15.06	252	993485	35.007 ng	98
90) Benzo(a)pyrene	15.40	252	1012880	37.252 ng	99
91) Dibenzo(a,h)anthracene	16.94	278	937552	41.496 ng	99
92) Benzo(g,h,i)perylene	17.37	276	904889	39.965 ng	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
Data File : BF114437.D
Acq On : 20 May 2019 14:32
Operator : JU/SJ
Sample : K2905-09MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GIS-2MSD

Quant Time: May 21 11:16:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration