Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
Data File : BF114433.D
Acq On : 20 May 2019 12:46
Operator : JU/SJ
Sample : K2943-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GIS-5MS

Quant Time: May 21 11:15:19 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	184370	20.00	ng		-0.01
21) Naphthalene-d8	8.11	136	664854	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	277300	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	466853	20.00	ng		0.00
76) Chrysene-d12	14.00	240	370654	20.00	ng		0.00
87) Perylene-d12	15.47	264	498521	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1417529	123.73	ng		0.00
7) Phenol-d6	6.48	99	1809892	133.57	ng		0.00
23) Nitrobenzene-d5	7.39	82	1102817	93.09	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	340744	118.86	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1719256	93.79	ng		0.00
79) Terphenyl-d14	12.93	244	1360711	75.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	204583	32.487	ng		98
3) Pyridine	3.39	79	386402	22.270	ng		95
4) n-Nitrosodimethylamine	3.32	42	314055	37.536	ng		95
6) Aniline	6.50	93	385774	19.709	ng	#	33
8) 2-Chlorophenol	6.62	128	546699	44.699	ng		97
9) Benzaldehyde	6.38	77	373353	39.357	ng		99
10) Phenol	6.49	94	674835	42.335	ng		99
11) bis(2-Chloroethyl)ether	6.56	93	536775	44.356	ng		99
12) 1,3-Dichlorobenzene	6.77	146	575857	41.944	ng		98
13) 1,4-Dichlorobenzene	6.85	146	582469	42.102	ng		99
14) 1,2-Dichlorobenzene	7.00	146	540372	42.753	ng		98
15) Benzyl Alcohol	6.97	79	446967	42.293	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	945147	40.280	ng		76
17) 2-Methylphenol	7.09	107	427344	42.534	ng		94
18) Hexachloroethane	7.34	117	212085	40.841	ng		99
19) n-Nitroso-di-n-propylamine	7.25	70	362193	42.170	ng		99
20) 3+4-Methylphenols	7.25	107	543723	46.840	ng	#	63
22) Acetophenone	7.24	105	723298	49.108	ng	#	92
24) Nitrobenzene	7.42	77	572141	47.417	ng		94
25) Isophorone	7.65	82	988005	44.968	ng		99
26) 2-Nitrophenol	7.73	139	289913	49.523	ng		95
27) 2,4-Dimethylphenol	7.77	122	457555	49.765	ng		100
28) bis(2-Chloroethoxy)methane	7.86	93	633781	44.457	ng		99
29) 2,4-Dichlorophenol	7.98	162	426313	46.564	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	461051	44.286	ng		99
31) Naphthalene	8.13	128	1471794	47.391	ng		99
32) Benzoic acid	7.91	122	226557	36.524	ng		98
33) 4-Chloroaniline	8.19	127	184582	13.043	ng		98
34) Hexachlorobutadiene	8.25	225	251905	42.525	ng		99
35) Caprolactam	8.55	113	135126	45.263	ng		98
36) 4-Chloro-3-methylphenol	8.68	107	428203	46.465	ng		99
37) 2-Methylnaphthalene	8.83	142	948203	47.322	ng		97
38) 1-Methylnaphthalene	8.93	142	885832	46.945	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	422104	50.250	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
Data File : BF114433.D
Acq On : 20 May 2019 12:46
Operator : JU/SJ
Sample : K2943-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GIS-5MS

Quant Time: May 21 11:15:19 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	133196	36.520 ng	99
43) 2,4,6-Trichlorophenol	9.11	196	269574	46.657 ng	100
44) 2,4,5-Trichlorophenol	9.16	196	281830	47.563 ng	95
46) 1,1'-Biphenyl	9.29	154	1111763	49.628 ng	98
47) 2-Chloronaphthalene	9.32	162	839584	46.569 ng	98
48) 2-Nitroaniline	9.42	65	284935	44.563 ng	95
49) Acenaphthylene	9.73	152	1313507	47.902 ng	99
50) Dimethylphthalate	9.59	163	1097837	53.931 ng	100
51) 2,6-Dinitrotoluene	9.65	165	209724	46.450 ng	97
52) Acenaphthene	9.90	154	752742	44.735 ng	100
53) 3-Nitroaniline	9.82	138	114783	20.480 ng	97
54) 2,4-Dinitrophenol	9.95	184	124000	56.758 ng	95
55) Dibenzofuran	10.07	168	1104269	44.755 ng	96
56) 4-Nitrophenol	10.00	139	258533	65.227 ng	97
57) 2,4-Dinitrotoluene	10.06	165	256201	41.807 ng	92
58) Fluorene	10.42	166	855458	44.886 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	213222	41.705 ng	99
60) Diethylphthalate	10.28	149	875198	42.314 ng	98
61) 4-Chlorophenyl-phenylether	10.40	204	407894	43.576 ng	100
62) 4-Nitroaniline	10.44	138	204186	34.669 ng	97
63) Azobenzene	10.56	77	846419	42.278 ng	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	92549	41.256 ng	98
66) n-Nitrosodiphenylamine	10.52	169	741216	52.312 ng	99
67) 4-Bromophenyl-phenylether	10.89	248	238187	46.338 ng	100
68) Hexachlorobenzene	10.97	284	252866	44.468 ng	99
69) Atrazine	11.05	200	199887	45.332 ng	99
70) Pentachlorophenol	11.17	266	198371	73.590 ng	97
71) Phenanthrene	11.38	178	1098214	48.352 ng	97
72) Anthracene	11.43	178	1133997	49.708 ng	99
73) Carbazole	11.59	167	1065659	48.986 ng	97
74) Di-n-butylphthalate	11.90	149	1170257	46.693 ng	100
75) Fluoranthene	12.57	202	1107306	45.272 ng	99
77) Benzidine	12.69	184	197903	11.895 ng	96
78) Pyrene	12.80	202	1144460	38.382 ng	99
80) Butylbenzylphthalate	13.40	149	488614	38.932 ng	99
81) Benzo(a)anthracene	13.99	228	1109113	46.264 ng	100
82) 3,3'-Dichlorobenzidine	13.94	252	318004	34.194 ng	100
83) Chrysene	14.02	228	1109562	47.213 ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	678107	41.312 ng	100
85) Di-n-octyl phthalate	14.58	149	1291463	48.536 ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	1422577	68.493 ng	100
88) Benzo(b)fluoranthene	15.04	252	1295454	40.561 ng	99
89) Benzo(k)fluoranthene	15.07	252	1310339	44.663 ng	100
90) Benzo(a)pyrene	15.42	252	1332552	47.408 ng	99
91) Dibenzo(a,h)anthracene	16.96	278	1196744	51.238 ng	99
92) Benzo(g,h,i)perylene	17.39	276	1169632	49.970 ng	100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
Data File : BF114433.D
Acq On : 20 May 2019 12:46
Operator : JU/SJ
Sample : K2943-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GIS-5MS

Quant Time: May 21 11:15:19 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