Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
Data File : BG040709.D
Acq On : 2 May 2019 16:28
Operator : JU/SJ
Sample : PB119403BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB119403BSD

Manual Integrations APPROVED
Sohil
5/3/2019 4:29:17 PM

Quant Time: May 03 05:45:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	42498	20.00	ng		-0.01
21) Naphthalene-d8	10.97	136	178418	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	134641	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	381804	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	432785	20.00	ng		-0.02
87) Perylene-d12	25.16	264	381536	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	361935	150.13	ng		0.00
7) Phenol-d6	7.28	99	522591	140.78	ng		-0.01
23) Nitrobenzene-d5	9.32	82	309374	80.12	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	293019	158.33	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	672100	72.09	ng		-0.02
79) Terphenyl-d14	20.11	244	1485346	76.03	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	55667	50.771	ng		95
3) Pyridine	3.95	79	114125	35.911	ng		97
4) n-Nitrosodimethylamine	3.87	42	68700	38.973	ng	#	80
6) Aniline	7.47	93	150079	30.503	ng		99
8) 2-Chlorophenol	7.71	128	128895	43.786	ng		96
9) Benzaldehyde	7.28	77	95717	44.264	ng		95
10) Phenol	7.31	94	181159	45.400	ng		97
11) bis(2-Chloroethyl)ether	7.57	93	115765	38.688	ng		95
12) 1,3-Dichlorobenzene	8.04	146	132247	41.159	ng		97
13) 1,4-Dichlorobenzene	8.18	146	131339	40.323	ng		97
14) 1,2-Dichlorobenzene	8.50	146	124855	39.747	ng		99
15) Benzyl Alcohol	8.38	79	154304	39.950	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	213319	35.808	ng		97
17) 2-Methylphenol	8.58	107	125866	44.572	ng		97
18) Hexachloroethane	9.23	117	50073	37.476	ng		96
19) n-Nitroso-di-n-propylamine	8.95	70	118619	35.499	ng		99
20) 3+4-Methylphenols	8.91	107	176258	44.805	ng		99
22) Acetophenone	8.98	105	214007	43.135	ng	#	95
24) Nitrobenzene	9.36	77	186830	45.349	ng		99
25) Isophorone	9.88	82	334771	38.922	ng		99
26) 2-Nitrophenol	10.08	139	71725	48.568	ng		97
27) 2,4-Dimethylphenol	10.12	122	145361	52.461	ng		96
28) bis(2-Chloroethoxy)methane	10.37	93	172666	40.012	ng		97
29) 2,4-Dichlorophenol	10.60	162	153493	48.727	ng		93
30) 1,2,4-Trichlorobenzene	10.83	180	151737	43.437	ng		95
31) Naphthalene	11.02	128	402943	42.510	ng		100
32) Benzoic acid	10.24	122	104593	55.140	ng		88
33) 4-Chloroaniline	11.13	127	109587	26.076	ng		94
34) Hexachlorobutadiene	11.29	225	107978	41.869	ng		96
35) Caprolactam	11.91	113	56429m	45.373	ng		
36) 4-Chloro-3-methylphenol	12.23	107	189257	47.625	ng		99
37) 2-Methylnaphthalene	12.61	142	303667	42.848	ng		98
38) 1-Methylnaphthalene	12.84	142	292641	42.245	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	210430	41.954	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
Data File : BG040709.D
Acq On : 2 May 2019 16:28
Operator : JU/SJ
Sample : PB119403BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB119403BSD

Manual Integrations APPROVED
Sohil
5/3/2019 4:29:17 PM

Quant Time: May 03 05:45:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	219622	74.205	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	148626	49.035	ng		96
44) 2,4,5-Trichlorophenol	13.28	196	165505	50.125	ng		93
46) 1,1'-Biphenyl	13.61	154	422057	40.374	ng		96
47) 2-Chloronaphthalene	13.66	162	338829	41.417	ng		98
48) 2-Nitroaniline	13.86	65	151045	51.868	ng		99
49) Acenaphthylene	14.50	152	561680	40.467	ng		99
50) Dimethylphthalate	14.22	163	494121	43.863	ng		98
51) 2,6-Dinitrotoluene	14.35	165	107971	49.109	ng		94
52) Acenaphthene	14.84	154	336280	41.603	ng		94
53) 3-Nitroaniline	14.68	138	86221	38.274	ng	#	93
54) 2,4-Dinitrophenol	14.89	184	122222	96.938	ng	#	85
55) Dibenzofuran	15.17	168	572309	43.227	ng		100
56) 4-Nitrophenol	14.97	139	198728	101.736	ng		95
57) 2,4-Dinitrotoluene	15.13	165	162537	54.405	ng	#	98
58) Fluorene	15.82	166	463127	43.279	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	177539	53.421	ng		98
60) Diethylphthalate	15.58	149	520248	43.771	ng		99
61) 4-Chlorophenyl-phenylether	15.81	204	281248	45.189	ng		100
62) 4-Nitroaniline	15.84	138	125737	49.897	ng		93
63) Azobenzene	16.10	77	510928	41.741	ng		98
65) 4,6-Dinitro-2-methylphenol	15.89	198	86332	46.203	ng		93
66) n-Nitrosodiphenylamine	16.02	169	446731	39.769	ng		96
67) 4-Bromophenyl-phenylether	16.70	248	192007	40.365	ng		94
68) Hexachlorobenzene	16.81	284	198736	40.406	ng		98
69) Atrazine	16.96	200	194245	43.646	ng		99
70) Pentachlorophenol	17.15	266	275017	95.554	ng		98
71) Phenanthrene	17.57	178	859279	41.784	ng		100
72) Anthracene	17.65	178	881833	42.660	ng		98
73) Carbazole	17.92	167	790196	41.958	ng		99
74) Di-n-butylphthalate	18.46	149	945375	41.589	ng		99
75) Fluoranthene	19.56	202	1125963	43.936	ng		99
77) Benzidine	19.74	184	371587	31.358	ng		98
78) Pyrene	19.93	202	1135274	41.853	ng		100
80) Butylbenzylphthalate	20.80	149	437245	41.359	ng		92
81) Benzo(a)anthracene	21.78	228	1079571	39.469	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	299947	30.767	ng		98
83) Chrysene	21.86	228	1057353	40.647	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	601089	39.388	ng		98
85) Di-n-octyl phthalate	22.92	149	1018764	39.639	ng		98
86) Indeno(1,2,3-cd)pyrene	29.02	276	1215455	38.646	ng	#	91
88) Benzo(b)fluoranthene	24.09	252	1110714	47.639	ng		98
89) Benzo(k)fluoranthene	24.16	252	1059750	48.670	ng		98
90) Benzo(a)pyrene	25.00	252	1071344	48.544	ng		100
91) Dibenzo(a,h)anthracene	29.09	278	1014630	45.430	ng		97
92) Benzo(g,h,i)perylene	30.25	276	996592	44.836	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
Data File : BG040709.D
Acq On : 2 May 2019 16:28
Operator : JU/SJ
Sample : PB119403BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 03 05:45:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB119403BSD

Manual Integrations APPROVED
Sohil
5/3/2019 4:29:17 PM