Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040878.D
Acq On : 11 May 2019 17:57
Operator : HP/JU
Sample : PB119607BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB119607BS

Manual Integrations APPROVED
Sohil
5/14/2019 8:01:42 PM

Quant Time: May 12 05:47:46 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	8.13	152	54992	20.00	ng		-0.02
21) Naphthalene-d8	10.95	136	224865	20.00	ng		-0.03
39) Acenaphthene-d10	14.77	164	170509	20.00	ng		-0.02
64) Phenanthrene-d10	17.51	188	429680	20.00	ng		-0.02
76) Chrysene-d12	21.79	240	443589	20.00	ng		-0.03
87) Perylene-d12	25.14	264	403767	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	462001	148.09	ng		-0.02
7) Phenol-d6	7.28	99	670526	139.59	ng		-0.02
23) Nitrobenzene-d5	9.31	82	393056	80.77	ng		-0.03
42) 2,4,6-Tribromophenol	16.25	330	361648	154.31	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	900537	76.27	ng		-0.03
79) Terphenyl-d14	20.10	244	1649007	82.36	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	48043	33.863	ng		90
3) Pyridine	3.94	79	126778	30.829	ng		99
4) n-Nitrosodimethylamine	3.86	42	76508	33.542	ng	#	99
6) Aniline	7.46	93	182809	28.714	ng		98
8) 2-Chlorophenol	7.69	128	151762	39.841	ng		97
9) Benzaldehyde	7.27	77	86767	27.256	ng		98
10) Phenol	7.31	94	204753	39.655	ng		97
11) bis(2-Chloroethyl)ether	7.55	93	138326	35.725	ng		93
12) 1,3-Dichlorobenzene	8.02	146	156162	37.560	ng		98
13) 1,4-Dichlorobenzene	8.17	146	159502	37.843	ng		97
14) 1,2-Dichlorobenzene	8.49	146	150972	37.142	ng		98
15) Benzyl Alcohol	8.37	79	177171	35.449	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	224869	29.171	ng		93
17) 2-Methylphenol	8.56	107	145630	39.854	ng		94
18) Hexachloroethane	9.22	117	61646	35.655	ng		99
19) n-Nitroso-di-n-propylamine	8.94	70	139842	32.342	ng		93
20) 3+4-Methylphenols	8.89	107	200569	39.402	ng		97
22) Acetophenone	8.96	105	254850	40.757	ng	#	95
24) Nitrobenzene	9.36	77	206814	39.831	ng		94
25) Isophorone	9.87	82	401939	37.078	ng		99
26) 2-Nitrophenol	10.06	139	92373	49.630	ng		98
27) 2,4-Dimethylphenol	10.10	122	165526	47.399	ng		99
28) bis(2-Chloroethoxy)methane	10.36	93	207969	38.238	ng		97
29) 2,4-Dichlorophenol	10.59	162	182399	45.943	ng		98
30) 1,2,4-Trichlorobenzene	10.81	180	187771	42.649	ng		97
31) Naphthalene	11.01	128	475515	39.804	ng		99
32) Benzoic acid	10.23	122	117316m	49.072	ng		
33) 4-Chloroaniline	11.11	127	136151	25.705	ng		95
34) Hexachlorobutadiene	11.27	225	139746	42.994	ng		97
35) Caprolactam	11.90	113	61207m	39.049	ng		
36) 4-Chloro-3-methylphenol	12.22	107	208499	41.630	ng		97
37) 2-Methylnaphthalene	12.60	142	364220	40.777	ng		97
38) 1-Methylnaphthalene	12.82	142	351621	40.275	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	256742	40.420	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040878.D
Acq On : 11 May 2019 17:57
Operator : HP/JU
Sample : PB119607BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB119607BS

Manual Integrations APPROVED
Sohil
5/14/2019 8:01:42 PM

Quant Time: May 12 05:47:46 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	12.93	237	324008	86.445	ng		98
43) 2,4,6-Trichlorophenol	13.20	196	177757	46.309	ng		99
44) 2,4,5-Trichlorophenol	13.27	196	189451	45.307	ng		94
46) 1,1'-Biphenyl	13.60	154	494143	37.326	ng		97
47) 2-Chloronaphthalene	13.65	162	404059	39.001	ng		97
48) 2-Nitroaniline	13.85	65	152544	41.364	ng		92
49) Acenaphthylene	14.49	152	640934	36.463	ng		99
50) Dimethylphthalate	14.21	163	562280	39.414	ng		99
51) 2,6-Dinitrotoluene	14.34	165	123502	44.356	ng		90
52) Acenaphthene	14.83	154	371865	36.327	ng		94
53) 3-Nitroaniline	14.67	138	90118	31.589	ng	#	98
54) 2,4-Dinitrophenol	14.88	184	175488	108.968	ng	#	92
55) Dibenzofuran	15.16	168	649448	38.735	ng		100
56) 4-Nitrophenol	14.97	139	202904	82.023	ng		88
57) 2,4-Dinitrotoluene	15.13	165	172832	45.681	ng		84
58) Fluorene	15.81	166	507181	37.425	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	196945	46.795	ng		95
60) Diethylphthalate	15.57	149	561485	37.303	ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	322920	40.970	ng		95
62) 4-Nitroaniline	15.84	138	123447	38.683	ng		93
63) Azobenzene	16.09	77	527685	34.041	ng		95
65) 4,6-Dinitro-2-methylphenol	15.88	198	108892	50.925	ng		89
66) n-Nitrosodiphenylamine	16.01	169	472416	37.370	ng		99
67) 4-Bromophenyl-phenylether	16.69	248	213993	39.975	ng		92
68) Hexachlorobenzene	16.80	284	219469	39.649	ng		96
69) Atrazine	16.95	200	203867	40.704	ng		96
70) Pentachlorophenol	17.15	266	293968	90.757	ng		97
71) Phenanthrene	17.55	178	865903	37.414	ng		99
72) Anthracene	17.64	178	884624	38.027	ng		99
73) Carbazole	17.91	167	783961	36.989	ng		99
74) Di-n-butylphthalate	18.45	149	931280	36.404	ng		100
75) Fluoranthene	19.55	202	1147640	39.792	ng		98
77) Benzidine	19.73	184	363453	29.924	ng		98
78) Pyrene	19.91	202	1128052	40.574	ng		99
80) Butylbenzylphthalate	20.78	149	439251	40.536	ng		90
81) Benzo(a)anthracene	21.77	228	1120882	39.981	ng		99
82) 3,3'-Dichlorobenzidine	21.68	252	362174	36.245	ng		99
83) Chrysene	21.84	228	1103691	41.395	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	609957	38.995	ng		97
85) Di-n-octyl phthalate	22.89	149	1025268	38.920	ng		96
86) Indeno(1,2,3-cd)pyrene	28.99	276	1334535	41.399	ng	#	91
88) Benzo(b)fluoranthene	24.07	252	1160733m	47.043	ng		
89) Benzo(k)fluoranthene	24.14	252	1109448	48.147	ng	#	97
90) Benzo(a)pyrene	24.99	252	1118902	47.907	ng		98
91) Dibenzo(a,h)anthracene	29.06	278	1106460	46.814	ng		95
92) Benzo(g,h,i)perylene	30.21	276	1129970	48.038	ng		98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040878.D
Acq On : 11 May 2019 17:57
Operator : HP/JU
Sample : PB119607BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 12 05:47:46 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 :
PB119607BS

Manual Integrations APPROVED
Sohil
5/14/2019 8:01:42 PM