Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
Data File : BG041592.D
Acq On : 3 Jul 2019 16:32
Operator : HP/JU
Sample : PB121160BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB121160BS

Manual Integrations APPROVED
mohammad
7/5/2019 8:42:57 AM

Quant Time: Jul 04 00:53:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	25859	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	93834	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	66819	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	194607	20.00	ng		0.00
76) Chrysene-d12	21.70	240	221519	20.00	ng		0.00
87) Perylene-d12	24.98	264	222624	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	209419	144.38	ng		0.00
7) Phenol-d6	7.19	99	294494	144.23	ng		0.00
23) Nitrobenzene-d5	9.21	82	201858	89.72	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	181201	158.82	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	491755	94.44	ng		0.00
79) Terphenyl-d14	20.03	244	1093177	104.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	22203	33.817	ng		93
3) Pyridine	3.82	79	55747	33.465	ng		93
4) n-Nitrosodimethylamine	3.74	42	42514	45.862	ng		97
6) Aniline	7.35	93	70180	26.665	ng		97
8) 2-Chlorophenol	7.59	128	80054	49.214	ng		98
9) Benzaldehyde	7.18	77	12615	10.230	ng		87
10) Phenol	7.22	94	100084	48.636	ng		97
11) bis(2-Chloroethyl)ether	7.45	93	67401	41.301	ng		95
12) 1,3-Dichlorobenzene	7.91	146	86630	41.169	ng		98
13) 1,4-Dichlorobenzene	8.06	146	89467	42.176	ng		98
14) 1,2-Dichlorobenzene	8.38	146	85358	42.027	ng		96
15) Benzyl Alcohol	8.28	79	78763	48.438	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	83421	36.401	ng		96
17) 2-Methylphenol	8.48	107	71593	47.794	ng		96
18) Hexachloroethane	9.10	117	35041	41.865	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	62343	40.934	ng		99
20) 3+4-Methylphenols	8.80	107	94264	47.214	ng		96
22) Acetophenone	8.86	105	127090	45.153	ng	#	97
24) Nitrobenzene	9.26	77	101803	45.080	ng		98
25) Isophorone	9.76	82	179543	44.449	ng		98
26) 2-Nitrophenol	9.96	139	43892	46.539	ng		95
27) 2,4-Dimethylphenol	10.02	122	72883	55.526	ng		97
28) bis(2-Chloroethoxy)methane	10.25	93	89048	41.690	ng		96
29) 2,4-Dichlorophenol	10.50	162	92769	52.325	ng		97
30) 1,2,4-Trichlorobenzene	10.71	180	103167	45.400	ng		95
31) Naphthalene	10.90	128	240697	46.384	ng		97
32) Benzoic acid	10.19	122	34467	45.881	ng		95
33) 4-Chloroaniline	11.03	127	51883	23.751	ng		97
34) Hexachlorobutadiene	11.16	225	79839	44.262	ng		96
35) Caprolactam	11.82	113	27767m	50.158	ng		
36) 4-Chloro-3-methylphenol	12.14	107	93657	48.755	ng		93
37) 2-Methylnaphthalene	12.51	142	180542	47.093	ng		99
38) 1-Methylnaphthalene	12.72	142	172762	47.235	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	140460	47.739	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
Data File : BG041592.D
Acq On : 3 Jul 2019 16:32
Operator : HP/JU
Sample : PB121160BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB121160BS

Manual Integrations APPROVED
mohammad
7/5/2019 8:42:57 AM

Quant Time: Jul 04 00:53:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	147325	91.728	ng		96
43) 2,4,6-Trichlorophenol	13.11	196	85463	48.957	ng		98
44) 2,4,5-Trichlorophenol	13.19	196	87674	50.413	ng		95
46) 1,1'-Biphenyl	13.51	154	248576	47.127	ng		98
47) 2-Chloronaphthalene	13.56	162	206538	45.609	ng		99
48) 2-Nitroaniline	13.78	65	67505	43.975	ng		92
49) Acenaphthylene	14.40	152	326577	48.249	ng		99
50) Dimethylphthalate	14.13	163	286381	47.097	ng		98
51) 2,6-Dinitrotoluene	14.26	165	61829	47.914	ng		94
52) Acenaphthene	14.74	154	189328	47.169	ng		96
53) 3-Nitroaniline	14.60	138	35888	29.132	ng		93
54) 2,4-Dinitrophenol	14.82	184	80521	92.742	ng		95
55) Dibenzofuran	15.07	168	339711	48.616	ng		98
56) 4-Nitrophenol	14.92	139	87420	109.960	ng		97
57) 2,4-Dinitrotoluene	15.05	165	94048	50.239	ng		98
58) Fluorene	15.72	166	276457	49.731	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	100003	54.545	ng		99
60) Diethylphthalate	15.48	149	298636	47.980	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	180363	50.301	ng		99
62) 4-Nitroaniline	15.77	138	57680	48.042	ng		97
63) Azobenzene	16.00	77	253148	48.239	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	56450	46.836	ng		99
66) n-Nitrosodiphenylamine	15.93	169	252705	47.182	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	122280	45.981	ng		99
68) Hexachlorobenzene	16.72	284	130520	45.552	ng		98
69) Atrazine	16.87	200	113743	50.170	ng		98
70) Pentachlorophenol	17.07	266	137875	106.196	ng		94
71) Phenanthrene	17.47	178	511785	47.732	ng		99
72) Anthracene	17.56	178	522977	48.748	ng		100
73) Carbazole	17.84	167	457094	50.120	ng		98
74) Di-n-butylphthalate	18.36	149	544997	47.546	ng		100
75) Fluoranthene	19.47	202	719638	50.341	ng		98
77) Benzidine	19.66	184	162257	33.012	ng		98
78) Pyrene	19.84	202	724008	47.877	ng		99
80) Butylbenzylphthalate	20.70	149	252353	44.682	ng		97
81) Benzo(a)anthracene	21.68	228	721282	46.835	ng		100
82) 3,3'-Dichlorobenzidine	21.60	252	180377	33.823	ng		100
83) Chrysene	21.75	228	711722	47.744	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	357372	44.634	ng		99
85) Di-n-octyl phthalate	22.77	149	621076	45.838	ng		98
86) Indeno(1,2,3-cd)pyrene	28.76	276	881787	48.850	ng	#	96
88) Benzo(b)fluoranthene	23.93	252	742973	52.324	ng		100
89) Benzo(k)fluoranthene	24.00	252	737274	52.886	ng		98
90) Benzo(a)pyrene	24.83	252	734581	54.470	ng		98
91) Dibenzo(a,h)anthracene	28.83	278	736677	54.525	ng		99
92) Benzo(g,h,i)perylene	29.96	276	741374	55.189	ng		98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
Data File : BG041592.D
Acq On : 3 Jul 2019 16:32
Operator : HP/JU
Sample : PB121160BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 04 00:53:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB121160BS

Manual Integrations APPROVED
mohammad
7/5/2019 8:42:57 AM