Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
Data File : BG046031.D
Acq On : 14 Jul 2020 13:46
Operator : CG/JU
Sample : PB130179BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Manual Integrations APPROVED
mohammad
7/15/2020 11:01:26 AM

Quant Time: Jul 14 14:35:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:58:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	126952	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	516195	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	312166	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	668915	20.00	ng		0.00
76) Chrysene-d12	21.63	240	595680	20.00	ng		0.00
86) Perylene-d12	24.78	264	605477	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	897427	114.64	ng		0.00
7) Phenol-d6	7.18	99	1210918	107.44	ng		0.01
23) Nitrobenzene-d5	9.16	82	752762	83.94	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	331244	114.33	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1383098	69.11	ng		0.00
79) Terphenyl-d14	19.98	244	1791165	66.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	142010	39.319	ng		96
3) Pyridine	3.89	79	421033	38.553	ng		97
4) n-Nitrosodimethylamine	3.81	42	179179	48.521	ng	#	99
6) Aniline	7.32	93	489938	33.980	ng		98
8) 2-Chlorophenol	7.57	128	411410	48.819	ng		98
9) Benzaldehyde	7.13	77	144051	20.173	ng		98
10) Phenol	7.20	94	547931	48.464	ng		99
11) bis(2-Chloroethyl)ether	7.42	93	407375	43.574	ng		98
12) 1,3-Dichlorobenzene	7.89	146	417129	42.943	ng		97
13) 1,4-Dichlorobenzene	8.04	146	420475	44.004	ng		96
14) 1,2-Dichlorobenzene	8.36	146	406611	44.214	ng		96
15) Benzyl Alcohol	8.24	79	395154	44.714	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	536755	44.004	ng		97
17) 2-Methylphenol	8.44	107	365405	43.073	ng		97
18) Hexachloroethane	9.09	117	159013	43.249	ng		97
19) n-Nitroso-di-n-propylamine	8.81	70	345887	43.685	ng		99
20) 3+4-Methylphenols	8.77	107	500979	43.330	ng		99
22) Acetophenone	8.82	105	582016	42.205	ng	#	98
24) Nitrobenzene	9.20	77	490078	49.510	ng		99
25) Isophorone	9.73	82	905363	41.353	ng		99
26) 2-Nitrophenol	9.91	139	196619	60.941	ng		99
27) 2,4-Dimethylphenol	9.98	122	362433	46.508	ng		98
28) bis(2-Chloroethoxy)methane	10.21	93	540099	43.931	ng		97
29) 2,4-Dichlorophenol	10.45	162	367516	45.557	ng		99
30) 1,2,4-Trichlorobenzene	10.67	180	369878	41.380	ng		99
31) Naphthalene	10.85	128	1160880	41.951	ng		99
32) Benzoic acid	10.12	122	263728	54.408	ng		95
33) 4-Chloroaniline	10.95	127	262042	21.191	ng		96
34) Hexachlorobutadiene	11.15	225	206328	39.534	ng		99
35) Caprolactam	11.73	113	148421m	48.458	ng		
36) 4-Chloro-3-methylphenol	12.08	107	430008	46.800	ng		98
37) 2-Methylnaphthalene	12.46	142	848141	43.116	ng		99
38) 1-Methylnaphthalene	12.67	142	812987	43.793	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	358873	40.782	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
Data File : BG046031.D
Acq On : 14 Jul 2020 13:46
Operator : CG/JU
Sample : PB130179BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB130179BS

Manual Integrations APPROVED
mohammad
7/15/2020 11:01:26 AM

Quant Time: Jul 14 14:35:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:58:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	484757	92.840	ng		98
43) 2,4,6-Trichlorophenol	13.06	196	284136	47.744	ng		97
44) 2,4,5-Trichlorophenol	13.14	196	300957	44.726	ng		98
46) 1,1'-Biphenyl	13.46	154	1007022	42.883	ng		99
47) 2-Chloronaphthalene	13.50	162	773874	41.767	ng		98
48) 2-Nitroaniline	13.70	65	298074	56.726	ng		98
49) Acenaphthylene	14.35	152	1281320	42.862	ng		99
50) Dimethylphthalate	14.08	163	1021912	43.621	ng		99
51) 2,6-Dinitrotoluene	14.19	165	228121	53.997	ng		97
52) Acenaphthene	14.69	154	905874	48.042	ng		98
53) 3-Nitroaniline	14.52	138	174373	34.790	ng	#	91
54) 2,4-Dinitrophenol	14.72	184	203682	126.124	ng	#	86
55) Dibenzofuran	15.02	168	1181109	42.732	ng		98
56) 4-Nitrophenol	14.84	139	448701	117.560	ng		99
57) 2,4-Dinitrotoluene	14.98	165	320048	58.566	ng		95
58) Fluorene	15.68	166	982089	43.313	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	269329m	51.842	ng		
60) Diethylphthalate	15.45	149	1065632	43.373	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	465259	41.244	ng		97
62) 4-Nitroaniline	15.69	138	268606	55.475	ng		94
63) Azobenzene	15.96	77	1190836	45.159	ng		99
65) 4,6-Dinitro-2-methylphenol	15.75	198	147314	61.703	ng		96
66) n-Nitrosodiphenylamine	15.88	169	904403	43.631	ng		100
67) 4-Bromophenyl-phenylether	16.56	248	306978	41.090	ng		99
68) Hexachlorobenzene	16.68	284	312901	41.738	ng		98
69) Atrazine	16.83	200	303887	49.585	ng		96
70) Pentachlorophenol	17.02	266	409225	98.179	ng		97
71) Phenanthrene	17.41	178	1539345	43.529	ng		99
72) Anthracene	17.50	178	1581915	44.079	ng		99
73) Carbazole	17.77	167	1542991	42.893	ng		99
74) Di-n-butylphthalate	18.34	149	1839973	42.328	ng		100
75) Fluoranthene	19.42	202	1785125	43.666	ng		98
77) Benzidine	19.59	184	977994	57.421	ng		97
78) Pyrene	19.78	202	1796852	44.191	ng		99
80) Butylbenzylphthalate	20.68	149	889408	46.287	ng		98
81) Benzo(a)anthracene	21.61	228	1647823	42.071	ng		99
82) 3,3'-Dichlorobenzidine	21.52	252	451804	31.216	ng		99
83) Chrysene	21.67	228	1607926	43.092	ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	1229963	44.097	ng		98
85) Di-n-octyl phthalate	22.74	149	2125244	43.907	ng		100
87) Indeno(1,2,3-cd)pyrene	28.36	276	2006766	45.305	ng		99
88) Benzo(b)fluoranthene	23.79	252	1769927	46.049	ng		98
89) Benzo(k)fluoranthene	23.85	252	1706574	46.957	ng		99
90) Benzo(a)pyrene	24.63	252	1612560	44.616	ng		99
91) Dibenzo(a,h)anthracene	28.43	278	1616044	45.234	ng		99
92) Benzo(g,h,i)perylene	29.47	276	1644173	45.731	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
Data File : BG046031.D
Acq On : 14 Jul 2020 13:46
Operator : CG/JU
Sample : PB130179BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 14 14:35:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:58:53 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Manual Integrations APPROVED
mohammad
7/15/2020 11:01:26 AM