Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
Data File : BG046002.D
Acq On : 10 Jul 2020 11:40
Operator : CG/JU
Sample : PB130070BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB130070BS

Manual Integrations APPROVED
mohammad
7/13/2020 1:03:29 PM

Quant Time: Jul 10 13:09:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 09:58:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	160293	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	645042	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	382596	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	787646	20.00	ng		0.00
76) Chrysene-d12	21.63	240	657055	20.00	ng		0.00
86) Perylene-d12	24.79	264	669795	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1478627	149.59	ng		0.00
7) Phenol-d6	7.17	99	1970123	138.44	ng		0.00
23) Nitrobenzene-d5	9.16	82	1272524	113.55	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	518591	146.05	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	2255793	91.97	ng		0.00
79) Terphenyl-d14	19.99	244	2829500	95.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	175016	38.378	ng		98
3) Pyridine	3.90	79	515913	37.415	ng		100
4) n-Nitrosodimethylamine	3.81	42	228456	48.997	ng	#	97
6) Aniline	7.33	93	737525	40.513	ng		99
8) 2-Chlorophenol	7.57	128	502027	47.181	ng		99
9) Benzaldehyde	7.14	77	335037	37.159	ng		96
10) Phenol	7.20	94	663810	46.501	ng		98
11) bis(2-Chloroethyl)ether	7.43	93	510552	43.251	ng		100
12) 1,3-Dichlorobenzene	7.90	146	527127	42.980	ng		98
13) 1,4-Dichlorobenzene	8.04	146	522060	43.271	ng		98
14) 1,2-Dichlorobenzene	8.36	146	488251	42.048	ng		96
15) Benzyl Alcohol	8.24	79	484458	43.417	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	657512	42.691	ng		97
17) 2-Methylphenol	8.44	107	447490	41.777	ng		97
18) Hexachloroethane	9.10	117	200893	43.275	ng		97
19) n-Nitroso-di-n-propylamine	8.81	70	436323	43.644	ng		100
20) 3+4-Methylphenols	8.77	107	601949	41.234	ng		98
22) Acetophenone	8.82	105	718093	41.671	ng		97
24) Nitrobenzene	9.20	77	607989	49.153	ng		100
25) Isophorone	9.73	82	1134265	41.459	ng		100
26) 2-Nitrophenol	9.91	139	215447	53.438	ng		95
27) 2,4-Dimethylphenol	9.98	122	430579	44.216	ng		99
28) bis(2-Chloroethoxy)methane	10.21	93	665989	43.350	ng		98
29) 2,4-Dichlorophenol	10.45	162	445439	44.187	ng		99
30) 1,2,4-Trichlorobenzene	10.67	180	462641	41.420	ng		98
31) Naphthalene	10.86	128	1436285	41.536	ng		99
32) Benzoic acid	10.12	122	270336	45.800	ng		95
33) 4-Chloroaniline	10.95	127	455136	29.454	ng		98
34) Hexachlorobutadiene	11.16	225	254055	38.955	ng		97
35) Caprolactam	11.73	113	166038m	43.381	ng		
36) 4-Chloro-3-methylphenol	12.07	107	510344	44.449	ng		99
37) 2-Methylnaphthalene	12.46	142	1045834	42.546	ng		99
38) 1-Methylnaphthalene	12.68	142	999481	43.084	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	449362	41.665	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
Data File : BG046002.D
Acq On : 10 Jul 2020 11:40
Operator : CG/JU
Sample : PB130070BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB130070BS

Manual Integrations APPROVED
mohammad
7/13/2020 1:03:29 PM

Quant Time: Jul 10 13:09:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 09:58:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	520858	81.391 ng		95
43) 2,4,6-Trichlorophenol	13.06	196	332886	45.639 ng		99
44) 2,4,5-Trichlorophenol	13.13	196	357071	43.297 ng		97
46) 1,1'-Biphenyl	13.47	154	1243079	43.191 ng		99
47) 2-Chloronaphthalene	13.51	162	952633	41.950 ng		98
48) 2-Nitroaniline	13.70	65	344802	53.729 ng		97
49) Acenaphthylene	14.35	152	1538894	42.002 ng		98
50) Dimethylphthalate	14.09	163	1198513	41.741 ng		99
51) 2,6-Dinitrotoluene	14.19	165	268391	51.967 ng		98
52) Acenaphthene	14.69	154	1063235	46.007 ng		98
53) 3-Nitroaniline	14.52	138	256166	41.108 ng	#	94
54) 2,4-Dinitrophenol	14.72	184	195026	99.870 ng	#	85
55) Dibenzofuran	15.03	168	1416486	41.814 ng		99
56) 4-Nitrophenol	14.83	139	499349	106.746 ng		97
57) 2,4-Dinitrotoluene	14.98	165	357877	53.781 ng		95
58) Fluorene	15.68	166	1166822	41.987 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	302696m	47.539 ng		
60) Diethylphthalate	15.46	149	1246741	41.403 ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	560140	40.515 ng		99
62) 4-Nitroaniline	15.69	138	306124	51.585 ng		96
63) Azobenzene	15.96	77	1405594	43.491 ng		99
65) 4,6-Dinitro-2-methylphenol	15.75	198	141533	51.595 ng		93
66) n-Nitrosodiphenylamine	15.89	169	1057555	43.329 ng		98
67) 4-Bromophenyl-phenylether	16.56	248	356771	40.556 ng		98
68) Hexachlorobenzene	16.69	284	376010	42.595 ng		98
69) Atrazine	16.83	200	340398	47.170 ng		97
70) Pentachlorophenol	17.02	266	446684	91.012 ng		100
71) Phenanthrene	17.41	178	1761348	42.299 ng		96
72) Anthracene	17.50	178	1805947	42.736 ng		98
73) Carbazole	17.77	167	1715301	40.496 ng		98
74) Di-n-butylphthalate	18.34	149	2053727	40.123 ng		99
75) Fluoranthene	19.42	202	2017253	41.906 ng		97
77) Benzidine	19.59	184	1125869	59.928 ng		97
78) Pyrene	19.78	202	2000455	44.603 ng		99
80) Butylbenzylphthalate	20.68	149	943587	44.520 ng		98
81) Benzo(a)anthracene	21.61	228	1803842	41.752 ng		99
82) 3,3'-Dichlorobenzidine	21.53	252	609926	38.205 ng		98
83) Chrysene	21.68	228	1728855	42.004 ng		97
84) Bis(2-ethylhexyl)phthalate	21.55	149	1320182	42.911 ng		99
85) Di-n-octyl phthalate	22.75	149	2241801	41.989 ng		99
87) Indeno(1,2,3-cd)pyrene	28.37	276	2309566	47.134 ng		99
88) Benzo(b)fluoranthene	23.79	252	1966379	46.247 ng		99
89) Benzo(k)fluoranthene	23.86	252	1867089	46.440 ng		99
90) Benzo(a)pyrene	24.64	252	1812347	45.329 ng		99
91) Dibenzo(a,h)anthracene	28.44	278	1852192	46.865 ng		100
92) Benzo(g,h,i)perylene	29.49	276	1866107	46.920 ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
Data File : BG046002.D
Acq On : 10 Jul 2020 11:40
Operator : CG/JU
Sample : PB130070BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 10 13:09:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 09:58:42 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB130070BS

Manual Integrations APPROVED
mohammad
7/13/2020 1:03:29 PM