Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
Data File : BG048339.D
Acq On : 5 Mar 2021 15:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 05 16:10:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 05 15:00:43 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

mohammad
3/8/2021 9:34:33 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.074	152	25170	20.00	ng		#-0.03
21) Naphthalene-d8	10.888	136	106954	20.00	ng		#-0.03
39) Acenaphthene-d10	14.707	164	85522	20.00	ng		-0.03
64) Phenanthrene-d10	17.457	188	222208	20.00	ng		#-0.03
76) Chrysene-d12	21.729	240	229687	20.00	ng		#-0.04
86) Perylene-d12	24.989	264	222502	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.653	112	116845	79.02	ng		-0.03
7) Phenol-d6	7.287	99	190330	84.72	ng		-0.03
23) Nitrobenzene-d5	9.249	82	215555	85.25	ng		-0.03
42) 2,4,6-Tribromophenol	16.206	330	110598	80.85	ng		-0.03
45) 2-Fluorobiphenyl	13.327	172	486244	79.71	ng		-0.03
79) Terphenyl-d14	20.054	244	982846	78.19	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.485	88	24728	36.49	ng	#	92
3) Pyridine	3.896	79	77028	41.12	ng	#	89
4) n-Nitrosodimethylamine	3.814	42	51761	52.05	ng	#	58
6) Aniline	7.404	93	113815	42.40	ng	#	82
8) 2-Chlorophenol	7.651	128	67246	41.40	ng		80
9) Benzaldehyde	7.210	77	55490	34.87	ng	#	78
10) Phenol	7.310	94	98593	43.40	ng	#	71
11) bis(2-Chloroethyl)ether	7.492	93	71542	40.43	ng		93
12) 1,3-Dichlorobenzene	7.962	146	73181	39.00	ng	#	87
13) 1,4-Dichlorobenzene	8.103	146	77482	40.95	ng		94
14) 1,2-Dichlorobenzene	8.426	146	74157m	41.21	ng		
15) Benzyl Alcohol	8.327	79	91893	46.41	ng	#	80
16) 2,2'-oxybis(1-Chloropr...	8.603	45	100490	43.79	ng		94
17) 2-Methylphenol	8.556	107	63281	42.72	ng	#	80
18) Hexachloroethane	9.149	117	29579	41.01	ng		87
19) n-Nitroso-di-n-propyla...	8.879	70	80391	46.36	ng	#	89
20) 3+4-Methylphenols	8.891	107	89282	43.26	ng	#	45
22) Acetophenone	8.902	105	125221	40.78	ng	#	78
24) Nitrobenzene	9.296	77	118039	43.75	ng	#	77
25) Isophorone	9.807	82	213203	42.52	ng	#	92
26) 2-Nitrophenol	10.001	139	45598	40.86	ng	#	40
27) 2,4-Dimethylphenol	10.083	122	64275	40.01	ng		84
28) bis(2-Chloroethoxy)met...	10.289	93	95907	39.13	ng		96
29) 2,4-Dichlorophenol	10.565	162	79479	38.69	ng		95
30) 1,2,4-Trichlorobenzene	10.747	180	93196	39.90	ng		95
31) Naphthalene	10.941	128	234731	39.76	ng		98
32) Benzoic acid	10.254	122	30913m	27.81	ng		
33) 4-Chloroaniline	11.065	127	102129	39.88	ng	#	85
34) Hexachlorobutadiene	11.211	225	71546	40.96	ng		98
35) Caprolactam	11.834	113	31414m	46.16	ng		
36) 4-Chloro-3-methylphenol	12.222	107	98832	43.52	ng	#	83
37) 2-Methylnaphthalene	12.539	142	183612	40.00	ng	#	87
38) 1-Methylnaphthalene	12.757	142	175718	40.47	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.904	216	121046	39.63	ng	#	96
41) Hexachlorocyclopentadiene	12.874	237	68779	36.92	ng		99
43) 2,4,6-Trichlorophenol	13.162	196	85380	38.90	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
Data File : BG048339.D
Acq On : 5 Mar 2021 15:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 05 16:10:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 05 15:00:43 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

mohammad
3/8/2021 9:34:33 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.256	196	91480	38.64	ng	#	92
46) 1,1'-Biphenyl	13.538	154	239177	39.04	ng		98
47) 2-Chloronaphthalene	13.585	162	204776	39.27	ng		96
48) 2-Nitroaniline	13.814	65	88611	47.35	ng	#	69
49) Acenaphthylene	14.431	152	318516	39.49	ng		98
50) Dimethylphthalate	14.161	163	288718	40.38	ng		97
51) 2,6-Dinitrotoluene	14.296	165	63478	39.50	ng	#	42
52) Acenaphthene	14.772	154	191270	35.03	ng		99
53) 3-Nitroaniline	14.643	138	62853	39.82	ng	#	76
54) 2,4-Dinitrophenol	14.848	184	33986m	32.49	ng		
55) Dibenzofuran	15.107	168	338953	39.70	ng		93
56) 4-Nitrophenol	15.007	139	63394	49.00	ng	#	32
57) 2,4-Dinitrotoluene	15.089	165	93943	40.47	ng	#	54
58) Fluorene	15.753	166	271773	40.12	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.354	232	84794	35.76	ng	#	93
60) Diethylphthalate	15.512	149	301550	41.25	ng		93
61) 4-Chlorophenyl-phenyle...	15.741	204	165571	40.59	ng		96
62) 4-Nitroaniline	15.806	138	60199	36.68	ng	#	28
63) Azobenzene	16.035	77	321535	44.07	ng		84
65) 4,6-Dinitro-2-methylph...	15.853	198	64560	40.03	ng	#	68
66) n-Nitrosodiphenylamine	15.965	169	256601	39.93	ng		99
67) 4-Bromophenyl-phenylether	16.634	248	112187	39.38	ng		93
68) Hexachlorobenzene	16.758	284	116376	39.60	ng		93
69) Atrazine	16.911	200	107310	40.15	ng		97
70) Pentachlorophenol	17.122	266	81759	42.30	ng		94
71) Phenanthrene	17.498	178	483161	40.04	ng		97
72) Anthracene	17.586	178	480646	40.11	ng		97
73) Carbazole	17.874	167	443806	39.16	ng		97
74) Di-n-butylphthalate	18.397	149	509881	40.60	ng	#	97
75) Fluoranthene	19.502	202	626214	39.87	ng		95
77) Benzidine	19.684	184	285385	38.03	ng		97
78) Pyrene	19.860	202	630253	39.29	ng		97
80) Butylbenzylphthalate	20.730	149	224366	39.94	ng	#	83
81) Benzo(a)anthracene	21.705	228	629079	39.26	ng		98
82) 3,3'-Dichlorobenzidine	21.623	252	215147	37.49	ng		97
83) Chrysene	21.776	228	596167	38.95	ng		98
84) Bis(2-ethylhexyl)phtha...	21.582	149	310438	39.34	ng		94
85) Di-n-octyl phthalate	22.804	149	529327	39.39	ng	#	91
87) Indeno(1,2,3-cd)pyrene	28.714	276	683725	40.55	ng	#	86
88) Benzo(b)fluoranthene	23.949	252	625982	40.69	ng	#	96
89) Benzo(k)fluoranthene	24.020	252	588987	40.14	ng	#	95
90) Benzo(a)pyrene	24.831	252	578359	40.53	ng	#	96
91) Dibenzo(a,h)anthracene	28.773	278	581799	40.45	ng	#	93
92) Benzo(g,h,i)perylene	29.890	276	561248	40.16	ng	#	91

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

Quantitation Report   (QT Reviewed)

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
Data File : BG048339.D
Acq On    :  5 Mar 2021  15:36
Operator  : CG/JU
Sample    : SSTDCCC040
Misc      :
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Mar 05 16:10:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 05 15:00:43 2021
Response via : Initial Calibration
```

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

mohammad
3/8/2021 9:34:33 AM