Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080323\
Data File : BG058592.D
Acq On : 3 Aug 2023 14:18
Operator : MA/JU
Sample : 03815-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 03 15:02:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.811	152	45357	20.000	ng		0.00
21) Naphthalene-d8	10.614	136	193276	20.000	ng		0.00
39) Acenaphthene-d10	14.462	164	133234	20.000	ng		0.00
64) Phenanthrene-d10	17.206	188	299037	20.000	ng		0.00
76) Chrysene-d12	21.448	240	252840	20.000	ng		0.00
86) Perylene-d12	24.515	264	324324	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.385	112	351635	118.495	ng		0.00
7) Phenol-d6	6.989	99	489101	118.448	ng		0.00
23) Nitrobenzene-d5	8.975	82	288191	73.250	ng		0.00
42) 2,4,6-Tribromophenol	15.955	330	231746	106.121	ng		0.00
45) 2-Fluorobiphenyl	13.082	172	633050	71.204	ng		0.00
79) Terphenyl-d14	19.827	244	1058913	78.758	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.264	88	61762	42.951	ng		99
3) Pyridine	3.663	79	152681	38.945	ng		98
4) n-Nitrosodimethylamine	3.581	42	79704	47.983	ng		96
6) Aniline	7.136	93	156803	30.843	ng		99
8) 2-Chlorophenol	7.377	128	167224	57.442	ng		99
9) Benzaldehyde	6.948	77	96161	42.864	ng		99
10) Phenol	7.012	94	223406	55.386	ng		99
11) bis(2-Chloroethyl)ether	7.236	93	165141	51.932	ng		97
12) 1,3-Dichlorobenzene	7.700	146	167834	53.990	ng		98
13) 1,4-Dichlorobenzene	7.847	146	169308	54.243	ng		96
14) 1,2-Dichlorobenzene	8.164	146	162492	54.450	ng		98
15) Benzyl Alcohol	8.052	79	153816	58.739	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.340	45	275364m	53.308	ng		
17) 2-Methylphenol	8.264	107	154291	52.315	ng		99
18) Hexachloroethane	8.887	117	62496	55.086	ng		92
19) n-Nitroso-di-n-propyla...	8.616	70	129347	48.496	ng		98
20) 3+4-Methylphenols	8.593	107	210590	52.788	ng		98
22) Acetophenone	8.634	105	256421	49.548	ng	#	99
24) Nitrobenzene	9.022	77	197204	49.304	ng		98
25) Isophorone	9.539	82	377754	46.469	ng		99
26) 2-Nitrophenol	9.727	139	91045	52.292	ng		98
27) 2,4-Dimethylphenol	9.791	122	146848	50.848	ng		99
28) bis(2-Chloroethoxy)met...	10.020	93	216007	48.827	ng		98
29) 2,4-Dichlorophenol	10.267	162	162620	54.232	ng		99
30) 1,2,4-Trichlorobenzene	10.479	180	179289	51.846	ng		98
31) Naphthalene	10.667	128	504276	49.503	ng		99
32) Benzoic acid	9.956	122	119111	53.452	ng		98
33) 4-Chloroaniline	10.778	127	111731	25.960	ng		98
34) Hexachlorobutadiene	10.943	225	110468	49.603	ng		96
35) Caprolactam	11.566	113	53634m	48.436	ng		
36) 4-Chloro-3-methylphenol	11.912	107	192549	51.909	ng		99
37) 2-Methylnaphthalene	12.277	142	347081	47.632	ng		99
38) 1-Methylnaphthalene	12.500	142	333294	48.118	ng		99
40) 1,2,4,5-Tetrachloroben...	12.653	216	206766	50.549	ng		99
41) Hexachlorocyclopentadiene	12.623	237	129417	69.130	ng		97
43) 2,4,6-Trichlorophenol	12.894	196	148335	52.724	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080323\
Data File : BG058592.D
Acq On : 3 Aug 2023 14:18
Operator : MA/JU
Sample : 03815-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 03 15:02:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	160781	48.518	ng		100
46) 1,1'-Biphenyl	13.293	154	457758	50.029	ng		100
47) 2-Chloronaphthalene	13.334	162	371020	52.006	ng		99
48) 2-Nitroaniline	13.546	65	138688	50.931	ng		99
49) Acenaphthylene	14.186	152	605864	50.724	ng		99
50) Dimethylphthalate	13.922	163	472345	47.205	ng		100
51) 2,6-Dinitrotoluene	14.045	165	105628	48.110	ng		99
52) Acenaphthene	14.527	154	338376	49.028	ng		97
53) 3-Nitroaniline	14.374	138	85108	38.745	ng		99
54) 2,4-Dinitrophenol	14.586	184	84934	69.688	ng		96
55) Dibenzofuran	14.862	168	578774	48.804	ng		99
56) 4-Nitrophenol	14.697	139	161696	98.537	ng		98
57) 2,4-Dinitrotoluene	14.832	165	148222	48.696	ng		96
58) Fluorene	15.508	166	454074	48.198	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.091	232	138147	48.854	ng		99
60) Diethylphthalate	15.279	149	471568	46.260	ng		99
61) 4-Chlorophenyl-phenyle...	15.502	204	250125	47.621	ng		98
62) 4-Nitroaniline	15.538	138	100767	48.426	ng		99
63) Azobenzene	15.796	77	477479	47.555	ng		99
65) 4,6-Dinitro-2-methylph...	15.596	198	71395	43.300	ng		98
66) n-Nitrosodiphenylamine	15.720	169	398033	51.141	ng		99
67) 4-Bromophenyl-phenylether	16.395	248	170143	50.164	ng		96
68) Hexachlorobenzene	16.513	284	189767	52.800	ng		99
69) Atrazine	16.666	200	158071	60.163	ng		99
70) Pentachlorophenol	16.860	266	188480	86.641	ng		99
71) Phenanthrene	17.247	178	722937	50.977	ng		99
72) Anthracene	17.341	178	720760	49.532	ng		99
73) Carbazole	17.612	167	663145	51.679	ng		100
74) Di-n-butylphthalate	18.164	149	824731	51.313	ng		100
75) Fluoranthene	19.263	202	863276	50.676	ng		100
77) Benzidine	19.451	184	328291	85.624	ng		98
78) Pyrene	19.627	202	888370	51.628	ng		100
80) Butylbenzylphthalate	20.514	149	367561	52.003	ng		98
81) Benzo(a)anthracene	21.431	228	899926	51.719	ng		99
82) 3,3'-Dichlorobenzidine	21.348	252	240868	40.942	ng		99
83) Chrysene	21.495	228	840115	50.357	ng		99
84) Bis(2-ethylhexyl)phtha...	21.331	149	539404	52.224	ng		100
85) Di-n-octyl phthalate	22.482	149	946699	52.134	ng		100
87) Indeno(1,2,3-cd)pyrene	28.011	276	1123744	52.083	ng	#	89
88) Benzo(b)fluoranthene	23.546	252	942603	53.586	ng		99
89) Benzo(k)fluoranthene	23.610	252	909011	51.439	ng		99
90) Benzo(a)pyrene	24.374	252	854154	49.444	ng		98
91) Dibenzo(a,h)anthracene	28.076	278	932017	52.242	ng		99
92) Benzo(g,h,i)perylene	29.110	276	851363	47.590	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080323\
Data File : BG058592.D
Acq On : 3 Aug 2023 14:18
Operator : MA/JU
Sample : 03815-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 03 15:02:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023