Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
Data File : BG057414.D
Acq On : 12 May 2023 18:15
Operator : CG/JU
Sample : 02643-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 13 03:17:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 22:04:03 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
05/15/2023
Supervised By :Yogesh Patel
05/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.362	152	15225	20.000	ng		0.00
21) Naphthalene-d8	11.206	136	63811	20.000	ng	#	0.00
39) Acenaphthene-d10	14.977	164	50949	20.000	ng		0.00
64) Phenanthrene-d10	17.720	188	130959	20.000	ng		0.00
76) Chrysene-d12	22.032	240	117133	20.000	ng		0.00
86) Perylene-d12	25.533	264	124406	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.883	112	64026	71.937	ng		0.00
7) Phenol-d6	7.505	99	94210	69.705	ng		0.00
23) Nitrobenzene-d5	9.543	82	77863	51.213	ng		0.00
42) 2,4,6-Tribromophenol	16.463	330	71147	98.417	ng		0.00
45) 2-Fluorobiphenyl	13.602	172	214180	56.617	ng		0.00
79) Terphenyl-d14	20.287	244	451818	62.948	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.675	88	7826	21.266	ng		95
3) Pyridine	4.109	79	13619	11.516	ng		88
4) n-Nitrosodimethylamine	4.009	42	12131	21.827	ng	#	96
6) Aniline	7.675	93	28494	16.619	ng		98
8) 2-Chlorophenol	7.928	128	24904	26.480	ng		97
9) Benzaldehyde	7.487	77	15213	17.255	ng		95
10) Phenol	7.534	94	31310	23.764	ng		98
11) bis(2-Chloroethyl)ether	7.763	93	24218	24.377	ng		97
12) 1,3-Dichlorobenzene	8.257	146	27598	26.588	ng		96
13) 1,4-Dichlorobenzene	8.398	146	28533	27.366	ng		97
14) 1,2-Dichlorobenzene	8.727	146	27464	27.286	ng		98
15) Benzyl Alcohol	8.597	79	29810	26.476	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.891	45	30720	24.533	ng		95
17) 2-Methylphenol	8.803	107	24371	25.661	ng		94
18) Hexachloroethane	9.461	117	9843	26.160	ng		88
19) n-Nitroso-di-n-propyla...	9.161	70	25700	24.937	ng		99
20) 3+4-Methylphenols	9.132	107	33145	25.487	ng		94
22) Acetophenone	9.191	105	45588	24.961	ng	#	95
24) Nitrobenzene	9.584	77	36297	23.653	ng		96
25) Isophorone	10.101	82	72580	24.619	ng		98
26) 2-Nitrophenol	10.307	139	13687	23.302	ng		91
27) 2,4-Dimethylphenol	10.348	122	27245	26.489	ng		99
28) bis(2-Chloroethoxy)met...	10.577	93	37245	25.218	ng		98
29) 2,4-Dichlorophenol	10.847	162	31114	28.522	ng		94
30) 1,2,4-Trichlorobenzene	11.059	180	32388	25.741	ng		95
31) Naphthalene	11.253	128	86893	25.471	ng		98
32) Benzoic acid	10.471	122	11121m	21.625	ng		
33) 4-Chloroaniline	11.352	127	29611	19.328	ng		94
34) Hexachlorobutadiene	11.523	225	22915	24.544	ng		95
35) Caprolactam	12.122	113	9941	26.678	ng	#	80
36) 4-Chloro-3-methylphenol	12.451	107	36020	29.056	ng		98
37) 2-Methylnaphthalene	12.833	142	69105	25.764	ng		96
38) 1-Methylnaphthalene	13.050	142	65116	25.757	ng		100
40) 1,2,4,5-Tetrachloroben...	13.191	216	49369	27.295	ng		98
41) Hexachlorocyclopentadiene	13.162	237	24763	32.536	ng		96
43) 2,4,6-Trichlorophenol	13.426	196	31962	29.005	ng		97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
Data File : BG057414.D
Acq On : 12 May 2023 18:15
Operator : CG/JU
Sample : 02643-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 13 03:17:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 22:04:03 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
05/15/2023
Supervised By :Yogesh Patel
05/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.508	196	34489	26.608	ng		99
46) 1,1'-Biphenyl	13.814	154	104120	27.541	ng		99
47) 2-Chloronaphthalene	13.867	162	79912	28.425	ng		98
48) 2-Nitroaniline	14.066	65	28044	29.337	ng		96
49) Acenaphthylene	14.707	152	129255	28.300	ng		99
50) Dimethylphthalate	14.413	163	121325	28.978	ng		98
51) 2,6-Dinitrotoluene	14.548	165	26354	30.830	ng		91
52) Acenaphthene	15.047	154	78145	27.380	ng		96
53) 3-Nitroaniline	14.877	138	20203	23.591	ng		96
54) 2,4-Dinitrophenol	15.094	184	24195	47.812	ng		99
55) Dibenzofuran	15.376	168	136535	28.472	ng		97
56) 4-Nitrophenol	15.188	139	28483	50.007	ng		91
57) 2,4-Dinitrotoluene	15.335	165	36123	29.568	ng		93
58) Fluorene	16.017	166	118060	29.889	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.600	232	35653	30.339	ng		99
60) Diethylphthalate	15.758	149	124300	29.235	ng		98
61) 4-Chlorophenyl-phenyle...	15.999	204	68760	28.896	ng		97
62) 4-Nitroaniline	16.040	138	26060	30.164	ng		99
63) Azobenzene	16.293	77	112295	27.373	ng		95
65) 4,6-Dinitro-2-methylph...	16.099	198	21092	26.976	ng		95
66) n-Nitrosodiphenylamine	16.211	169	105499	29.661	ng		97
67) 4-Bromophenyl-phenylether	16.892	248	48598	30.399	ng		98
68) Hexachlorobenzene	17.027	284	50751	32.668	ng		95
69) Atrazine	17.145	200	46866	34.541	ng		98
70) Pentachlorophenol	17.374	266	46982	52.474	ng		99
71) Phenanthrene	17.761	178	203423	30.314	ng		100
72) Anthracene	17.855	178	207340	30.112	ng		97
73) Carbazole	18.120	167	181353	31.285	ng		98
74) Di-n-butylphthalate	18.637	149	205613	30.829	ng		99
75) Fluoranthene	19.753	202	250985	30.072	ng		99
77) Benzidine	19.923	184	16265	6.211	ng		98
78) Pyrene	20.111	202	256326	30.115	ng		99
80) Butylbenzylphthalate	20.963	149	87056	32.235	ng		97
81) Benzo(a)anthracene	22.009	228	251115	30.090	ng		99
82) 3,3'-Dichlorobenzidine	21.903	252	81948	30.657	ng		97
83) Chrysene	22.079	228	232138	29.564	ng		99
84) Bis(2-ethylhexyl)phtha...	21.850	149	122509	30.659	ng		99
85) Di-n-octyl phthalate	23.148	149	209524	31.453	ng		97
87) Indeno(1,2,3-cd)pyrene	29.581	276	275591	30.395	ng	#	96
88) Benzo(b)fluoranthene	24.411	252	255492	31.417	ng		98
89) Benzo(k)fluoranthene	24.482	252	247576	29.959	ng		99
90) Benzo(a)pyrene	25.369	252	220967	27.812	ng		95
91) Dibenzo(a,h)anthracene	29.639	278	229796	30.433	ng		99
92) Benzo(g,h,i)perylene	30.861	276	219837	29.817	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
Data File : BG057414.D
Acq On : 12 May 2023 18:15
Operator : CG/JU
Sample : 02643-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 13 03:17:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 22:04:03 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :

Manual Integrations APPROVED

Reviewed By :Christian Giraldo

05/15/2023
Supervised By :Yogesh Patel

05/16/2023