Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
Data File : BG056999.D
Acq On : 5 Apr 2023 20:42
Operator : CG/JU
Sample : 02104-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 06 02:03:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 01:57:04 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
B-37-SB02MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
04/06/2023
Supervised By :Jagrut Upadhyay
04/06/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.409	152	13600	20.000	ng		-0.01
21) Naphthalene-d8	11.252	136	58644	20.000	ng		-0.01
39) Acenaphthene-d10	15.029	164	44753	20.000	ng		0.00
64) Phenanthrene-d10	17.767	188	104452	20.000	ng		0.00
76) Chrysene-d12	22.091	240	87971	20.000	ng		0.00
86) Perylene-d12	25.633	264	94694	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.918	112	106912	125.814	ng		0.00
7) Phenol-d6	7.545	99	156931	123.478	ng		0.00
23) Nitrobenzene-d5	9.590	82	100489	70.114	ng		0.00
42) 2,4,6-Tribromophenol	16.510	330	83215	116.394	ng		0.00
45) 2-Fluorobiphenyl	13.655	172	215531	65.306	ng		0.00
79) Terphenyl-d14	20.334	244	311807	59.977	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.721	88	13649	36.641	ng		96
3) Pyridine	4.144	79	41594	34.668	ng		94
4) n-Nitrosodimethylamine	4.050	42	22403	40.613	ng		98
6) Aniline	7.722	93	28879	17.774	ng		99
8) 2-Chlorophenol	7.968	128	45672	53.960	ng		89
9) Benzaldehyde	7.534	77	34448	43.214	ng		93
10) Phenol	7.569	94	65210	51.782	ng		95
11) bis(2-Chloroethyl)ether	7.810	93	41239	45.972	ng		99
12) 1,3-Dichlorobenzene	8.297	146	47723	51.027	ng		98
13) 1,4-Dichlorobenzene	8.444	146	48620	51.509	ng		95
14) 1,2-Dichlorobenzene	8.773	146	46916	51.447	ng		96
15) Benzyl Alcohol	8.644	79	50772	48.078	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.932	45	50055m	46.300	ng		
17) 2-Methylphenol	8.844	107	45533	50.680	ng		96
18) Hexachloroethane	9.513	117	16883	48.936	ng		94
19) n-Nitroso-di-n-propyla...	9.214	70	41063	45.171	ng	#	97
20) 3+4-Methylphenols	9.167	107	61929	49.294	ng		96
22) Acetophenone	9.237	105	76368	43.763	ng	#	96
24) Nitrobenzene	9.631	77	62052	42.347	ng		97
25) Isophorone	10.154	82	111301	40.781	ng		99
26) 2-Nitrophenol	10.348	139	27027	47.785	ng		91
27) 2,4-Dimethylphenol	10.389	122	47068	47.133	ng		95
28) bis(2-Chloroethoxy)met...	10.630	93	59666	43.668	ng		98
29) 2,4-Dichlorophenol	10.888	162	53412	49.734	ng		96
30) 1,2,4-Trichlorobenzene	11.111	180	53082	46.518	ng		99
31) Naphthalene	11.305	128	143330	44.840	ng		98
32) Benzoic acid	10.494	122	22783m	33.213	ng		
33) 4-Chloroaniline	11.405	127	23234	16.094	ng		94
34) Hexachlorobutadiene	11.575	225	38010	44.343	ng		95
35) Caprolactam	12.175	113	17096	46.159	ng		93
36) 4-Chloro-3-methylphenol	12.492	107	56083	46.696	ng		96
37) 2-Methylnaphthalene	12.879	142	107418	42.341	ng		98
38) 1-Methylnaphthalene	13.097	142	101586	42.644	ng		99
40) 1,2,4,5-Tetrachloroben...	13.238	216	74083	47.737	ng		99
41) Hexachlorocyclopentadiene	13.214	237	76620	89.608	ng		100
43) 2,4,6-Trichlorophenol	13.467	196	49979	50.467	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
Data File : BG056999.D
Acq On : 5 Apr 2023 20:42
Operator : CG/JU
Sample : 02104-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 06 02:03:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 01:57:04 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
B-37-SB02MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
04/06/2023
Supervised By :Jagrut Upadhyay
04/06/2023

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.543	196	55120	46.983	ng		98
46)	1,1'-Biphenyl	13.866	154	156448	47.755	ng		97
47)	2-Chloronaphthalene	13.913	162	117738	48.593	ng		99
48)	2-Nitroaniline	14.107	65	40963	47.281	ng		99
49)	Acenaphthylene	14.753	152	183283	46.040	ng		99
50)	Dimethylphthalate	14.460	163	156281	44.320	ng		99
51)	2,6-Dinitrotoluene	14.589	165	35501	46.597	ng		93
52)	Acenaphthene	15.088	154	149028m	54.279	ng		
53)	3-Nitroaniline	14.918	138	16654	22.084	ng		93
54)	2,4-Dinitrophenol	15.123	184	46143	107.602	ng	#	87
55)	Dibenzofuran	15.423	168	190141	46.142	ng		98
56)	4-Nitrophenol	15.217	139	55934	100.304	ng		94
57)	2,4-Dinitrotoluene	15.376	165	49211	45.797	ng	#	98
58)	Fluorene	16.069	166	156097	45.778	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.640	232	53168	49.773	ng	#	98
60)	Diethylphthalate	15.811	149	155506	43.990	ng		99
61)	4-Chlorophenyl-phenyle...	16.046	204	89383	44.646	ng		98
62)	4-Nitroaniline	16.081	138	35368	45.267	ng		91
63)	Azobenzene	16.339	77	161928	45.964	ng		98
65)	4,6-Dinitro-2-methylph...	16.134	198	34593	54.683	ng		94
66)	n-Nitrosodiphenylamine	16.257	169	132884	47.392	ng		97
67)	4-Bromophenyl-phenylether	16.939	248	59755	46.236	ng		94
68)	Hexachlorobenzene	17.074	284	63891	50.003	ng		99
69)	Atrazine	17.191	200	55743	47.892	ng		91
70)	Pentachlorophenol	17.409	266	82305	89.787	ng		99
71)	Phenanthrene	17.808	178	270988	50.886	ng		99
72)	Anthracene	17.902	178	253835	46.496	ng		99
73)	Carbazole	18.166	167	219451	46.105	ng		97
74)	Di-n-butylphthalate	18.683	149	252209	45.758	ng		99
75)	Fluoranthene	19.799	202	315871	46.790	ng		98
77)	Benzidine	19.958	184	70668	29.389	ng		96
78)	Pyrene	20.158	202	310802	51.081	ng		98
80)	Butylbenzylphthalate	21.015	149	103426	49.396	ng		94
81)	Benzo(a)anthracene	22.067	228	291539	47.891	ng		99
82)	3,3'-Dichlorobenzidine	21.961	252	59042	28.722	ng		94
83)	Chrysene	22.138	228	267512	46.933	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.920	149	143119	47.205	ng		99
85)	Di-n-octyl phthalate	23.236	149	235377	46.069	ng		99
87)	Indeno(1,2,3-cd)pyrene	29.727	276	337318	48.200	ng	#	96
88)	Benzo(b)fluoranthene	24.499	252	294798	49.784	ng		98
89)	Benzo(k)fluoranthene	24.575	252	285320	48.264	ng		100
90)	Benzo(a)pyrene	25.468	252	258904	44.494	ng		99
91)	Dibenzo(a,h)anthracene	29.798	278	280399	48.744	ng		98
92)	Benzo(g,h,i)perylene	31.025	276	272438	48.366	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
Data File : BG056999.D
Acq On : 5 Apr 2023 20:42
Operator : CG/JU
Sample : 02104-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 06 02:03:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 01:57:04 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
B-37-SB02MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo

04/06/2023

Supervised By :Jagrut Upadhyay

04/06/2023