Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
Data File : BG053488.D
Acq On : 9 May 2022 11:42
Operator : CG/JU
Sample : PB144630BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 09 16:20:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 05 02:13:53 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB144630BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.088	152	22218	20.000	ng		-0.01
21) Naphthalene-d8	10.902	136	97938	20.000	ng		#-0.01
39) Acenaphthene-d10	14.714	164	82777	20.000	ng		0.00
64) Phenanthrene-d10	17.458	188	202676	20.000	ng		-0.01
76) Chrysene-d12	21.740	240	204986	20.000	ng		0.00
86) Perylene-d12	25.024	264	211971	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.656	112	182778	139.616	ng		-0.01
7) Phenol-d6	7.254	99	270311	136.051	ng		0.00
23) Nitrobenzene-d5	9.251	82	185174	80.485	ng		-0.01
42) 2,4,6-Tribromophenol	16.206	330	148671	121.775	ng		0.00
45) 2-Fluorobiphenyl	13.340	172	428527	75.649	ng		0.00
79) Terphenyl-d14	20.066	244	904091	82.144	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.529	88	21991	32.015	ng		98
3) Pyridine	3.935	79	44787m	26.699	ng		
4) n-Nitrosodimethylamine	3.847	42	35596	43.561	ng		94
6) Aniline	7.412	93	94675	43.023	ng		100
8) 2-Chlorophenol	7.659	128	68917	50.356	ng		96
9) Benzaldehyde	7.224	77	41191m	32.634	ng		
10) Phenol	7.277	94	101323	52.143	ng		96
11) bis(2-Chloroethyl)ether	7.500	93	66596	45.952	ng		95
12) 1,3-Dichlorobenzene	7.982	146	68083	42.169	ng		97
13) 1,4-Dichlorobenzene	8.123	146	68740	42.191	ng		97
14) 1,2-Dichlorobenzene	8.446	146	68164	44.554	ng		96
15) Benzyl Alcohol	8.329	79	83335m	50.170	ng		
16) 2,2'-oxybis(1-Chloropr...	8.617	45	111444	47.248	ng		97
17) 2-Methylphenol	8.534	107	68142	51.883	ng		98
18) Hexachloroethane	9.181	117	26246	42.421	ng		98
19) n-Nitroso-di-n-propyla...	8.893	70	65425	45.895	ng		96
20) 3+4-Methylphenols	8.863	107	90593	48.840	ng		98
22) Acetophenone	8.910	105	116037	43.290	ng	#	97
24) Nitrobenzene	9.298	77	99361	44.620	ng		98
25) Isophorone	9.815	82	178382	46.070	ng		98
26) 2-Nitrophenol	10.009	139	40929	45.381	ng		96
27) 2,4-Dimethylphenol	10.068	122	72264	53.241	ng		94
28) bis(2-Chloroethoxy)met...	10.297	93	96280	43.235	ng		99
29) 2,4-Dichlorophenol	10.549	162	78860	48.140	ng		94
30) 1,2,4-Trichlorobenzene	10.761	180	79141	42.521	ng		95
31) Naphthalene	10.949	128	214329	43.022	ng		98
32) Benzoic acid	10.238	122	32393m	39.916	ng		
33) 4-Chloroaniline	11.054	127	70666	33.870	ng		96
34) Hexachlorobutadiene	11.237	225	56476	40.921	ng		98
35) Caprolactam	11.824	113	27765m	46.641	ng		
36) 4-Chloro-3-methylphenol	12.176	107	94654	48.305	ng		100
37) 2-Methylnaphthalene	12.552	142	169296	45.536	ng		100
38) 1-Methylnaphthalene	12.770	142	157919	43.535	ng		95
40) 1,2,4,5-Tetrachloroben...	12.917	216	106610	40.859	ng		98
41) Hexachlorocyclopentadiene	12.899	237	96989	90.014	ng		99
43) 2,4,6-Trichlorophenol	13.157	196	72664	42.664	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
Data File : BG053488.D
Acq On : 9 May 2022 11:42
Operator : CG/JU
Sample : PB144630BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 09 16:20:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 05 02:13:53 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB144630BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.234	196	79891	44.073	ng		98
46)	1,1'-Biphenyl	13.551	154	235226	41.689	ng		98
47)	2-Chloronaphthalene	13.598	162	180647	40.864	ng		98
48)	2-Nitroaniline	13.792	65	75022	45.544	ng		99
49)	Acenaphthylene	14.438	152	302717	42.913	ng		100
50)	Dimethylphthalate	14.162	163	269474	42.840	ng		99
51)	2,6-Dinitrotoluene	14.285	165	57753	45.066	ng		98
52)	Acenaphthene	14.779	154	223662m	53.203	ng		
53)	3-Nitroaniline	14.620	138	46301	33.438	ng		100
54)	2,4-Dinitrophenol	14.832	184	66366	81.460	ng		97
55)	Dibenzofuran	15.114	168	307797	40.762	ng		97
56)	4-Nitrophenol	14.932	139	89892	90.891	ng		93
57)	2,4-Dinitrotoluene	15.078	165	84651	45.570	ng	#	90
58)	Fluorene	15.760	166	259308	42.792	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.343	232	79767	43.371	ng		100
60)	Diethylphthalate	15.519	149	280152	43.116	ng		99
61)	4-Chlorophenyl-phenyle...	15.748	204	141826	41.943	ng		99
62)	4-Nitroaniline	15.783	138	61116	42.554	ng		99
63)	Azobenzene	16.042	77	285622	42.927	ng		99
65)	4,6-Dinitro-2-methylph...	15.842	198	52005	43.061	ng		99
66)	n-Nitrosodiphenylamine	15.960	169	236337	44.413	ng		98
67)	4-Bromophenyl-phenylether	16.641	248	101745	42.984	ng		94
68)	Hexachlorobenzene	16.770	284	114585	44.202	ng		97
69)	Atrazine	16.905	200	102954	45.958	ng		95
70)	Pentachlorophenol	17.117	266	112804	80.755	ng		94
71)	Phenanthrene	17.505	178	457431	44.386	ng		98
72)	Anthracene	17.593	178	464914	45.897	ng		99
73)	Carbazole	17.863	167	421350	42.442	ng		99
74)	Di-n-butylphthalate	18.409	149	493084	44.162	ng		99
75)	Fluoranthene	19.508	202	601051	45.043	ng		98
77)	Benzidine	19.684	184	230078	52.075	ng		100
78)	Pyrene	19.872	202	594580	44.807	ng		99
80)	Butylbenzylphthalate	20.741	149	215854	44.360	ng		94
81)	Benzo(a)anthracene	21.722	228	569501	43.558	ng		99
82)	3,3'-Dichlorobenzidine	21.628	252	158544	47.819	ng		97
83)	Chrysene	21.787	228	546092	44.721	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.611	149	305451	45.480	ng		99
85)	Di-n-octyl phthalate	22.833	149	527176	46.419	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.789	276	688622	46.644	ng	#	95
88)	Benzo(b)fluoranthene	23.978	252	615321	49.042	ng		100
89)	Benzo(k)fluoranthene	24.049	252	571261	46.333	ng		98
90)	Benzo(a)pyrene	24.871	252	586623	54.931	ng		99
91)	Dibenzo(a,h)anthracene	28.848	278	571161	46.952	ng		98
92)	Benzo(g,h,i)perylene	29.964	276	575154	47.697	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
Data File : BG053488.D
Acq On : 9 May 2022 11:42
Operator : CG/JU
Sample : PB144630BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 09 16:20:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 05 02:13:53 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB144630BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022