

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010522\
 Data File : BG051876.D
 Acq On : 5 Jan 2022 11:46
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 01/07/2022
 Supervised By : Jagrut Upadhyay 01/07/2022

Quant Time: Jan 07 06:18:09 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010522.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jan 07 06:16:33 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.254	152	23314	20.000	ng	0.00
21) Naphthalene-d8	11.091	136	97450	20.000	ng	# 0.00
39) Acenaphthene-d10	14.892	164	71794	20.000	ng	0.00
64) Phenanthrene-d10	17.635	188	187101	20.000	ng	0.00
76) Chrysene-d12	21.953	240	204247	20.000	ng	0.00
86) Perylene-d12	25.437	264	213624	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.781	112	31115	20.631	ng	0.00
7) Phenol-d6	7.390	99	46810	22.037	ng	0.00
23) Nitrobenzene-d5	9.423	82	53798	25.201	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	22168	29.051	ng	0.00
45) 2-Fluorobiphenyl	13.512	172	114623	24.092	ng	0.00
79) Terphenyl-d14	20.226	244	251949	22.551	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.613	88	7658	12.109	ng	91
3) Pyridine	4.030	79	21492	11.423	ng	94
4) n-Nitrosodimethylamine	3.930	42	12455	15.397	ng	88
6) Aniline	7.561	93	26890	10.657	ng	98
8) 2-Chlorophenol	7.813	128	16597	10.485	ng	96
9) Benzaldehyde	7.379	77	18006	11.716	ng	94
10) Phenol	7.420	94	22672	10.397	ng	93
11) bis(2-Chloroethyl)ether	7.655	93	17157	10.407	ng	92
12) 1,3-Dichlorobenzene	8.142	146	19238	11.361	ng	93
13) 1,4-Dichlorobenzene	8.289	146	18289	10.418	ng	93
14) 1,2-Dichlorobenzene	8.612	146	18287	10.981	ng	95
15) Benzyl Alcohol	8.483	79	18887	11.129	ng	87
16) 2,2'-oxybis(1-Chloropr...	8.777	45	27799	11.665	ng	98
17) 2-Methylphenol	8.689	107	14818	10.066	ng	98
18) Hexachloroethane	9.358	117	6662	10.155	ng	94
19) n-Nitroso-di-n-propyla...	9.059	70	17415	11.107	ng	99
20) 3+4-Methylphenols	9.018	107	20200	9.628	ng	90
22) Acetophenone	9.076	105	28712	10.906	ng	97
24) Nitrobenzene	9.464	77	24481	11.825	ng	# 97
25) Isophorone	9.993	82	44884	11.679	ng	98
26) 2-Nitrophenol	10.193	139	8884	9.479	ng	91
27) 2,4-Dimethylphenol	10.240	122	13893	10.043	ng	83
28) bis(2-Chloroethoxy)met...	10.469	93	25202	11.012	ng	97
29) 2,4-Dichlorophenol	10.733	162	15872	10.166	ng	96
30) 1,2,4-Trichlorobenzene	10.950	180	20471	11.673	ng	92
31) Naphthalene	11.144	128	54887	10.674	ng	96
32) Benzoic acid	10.310	122	8590m	9.590	ng	
33) 4-Chloroaniline	11.238	127	22126	10.012	ng	# 91
34) Hexachlorobutadiene	11.432	225	14564	13.451	ng	96
35) Caprolactam	11.990	113	6962	16.697	ng	# 75
36) 4-Chloro-3-methylphenol	12.348	107	20096	10.425	ng	86
37) 2-Methylnaphthalene	12.736	142	41419	11.369	ng	94
38) 1-Methylnaphthalene	12.954	142	39791m	11.188	ng	
40) 1,2,4,5-Tetrachloroben...	13.095	216	25934	11.886	ng	96
41) Hexachlorocyclopentadiene	13.083	237	14130	31.837	ng	96
43) 2,4,6-Trichlorophenol	13.330	196	17001	11.301	ng	93

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010522\
 Data File : BG051876.D
 Acq On : 5 Jan 2022 11:46
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/07/2022
 Supervised By : Jagrut Upadhyay 01/07/2022

Quant Time: Jan 07 06:18:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 07 06:16:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.406	196	18247	11.222	ng	91
46) 1,1'-Biphenyl	13.723	154	57015	11.048	ng	98
47) 2-Chloronaphthalene	13.776	162	44871	10.982	ng	94
48) 2-Nitroaniline	13.964	65	16201	10.971	ng	95
49) Acenaphthylene	14.616	152	71492	10.975	ng	99
50) Dimethylphthalate	14.328	163	63536	11.487	ng	97
51) 2,6-Dinitrotoluene	14.446	165	12584	10.893	ng	95
52) Acenaphthene	14.951	154	47985	12.621	ng	93
53) 3-Nitroaniline	14.780	138	14323	11.068	ng	94
54) 2,4-Dinitrophenol	14.980	184	6503	11.200	ng #	66
55) Dibenzofuran	15.286	168	75836	11.486	ng	98
56) 4-Nitrophenol	15.080	139	10741	11.799	ng #	86
57) 2,4-Dinitrotoluene	15.233	165	17990	10.871	ng #	96
58) Fluorene	15.938	166	62657	12.087	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.509	232	17676	12.662	ng #	97
60) Diethylphthalate	15.685	149	65066	11.155	ng	99
61) 4-Chlorophenyl-phenyle...	15.920	204	34352	12.122	ng	96
62) 4-Nitroaniline	15.938	138	14903	10.769	ng	98
63) Azobenzene	16.214	77	70522	12.073	ng	98
65) 4,6-Dinitro-2-methylph...	15.996	198	11641	10.418	ng	95
66) n-Nitrosodiphenylamine	16.132	169	54319	10.117	ng	94
67) 4-Bromophenyl-phenylether	16.819	248	23290	11.509	ng	94
68) Hexachlorobenzene	16.948	284	25187	12.246	ng	94
69) Atrazine	17.072	200	23964	16.782	ng	92
70) Pentachlorophenol	17.289	266	12536	13.407	ng	97
71) Phenanthrene	17.682	178	103736	10.315	ng	99
72) Anthracene	17.771	178	100795	10.103	ng	99
73) Carbazole	18.035	167	101980	10.392	ng	97
74) Di-n-butylphthalate	18.581	149	111747	9.406	ng	99
75) Fluoranthene	19.680	202	138558	11.176	ng	97
77) Benzidine	19.850	184	54075	16.124	ng	98
78) Pyrene	20.044	202	142316	9.608	ng	99
80) Butylbenzylphthalate	20.913	149	48013	7.603	ng	94
81) Benzo(a)anthracene	21.936	228	144958	10.407	ng	97
82) 3,3'-Dichlorobenzidine	21.836	252	51953	8.347	ng	97
83) Chrysene	22.006	228	138498	10.589	ng	96
84) Bis(2-ethylhexyl)phtha...	21.818	149	68404	7.776	ng	99
85) Di-n-octyl phthalate	23.122	149	116749	7.921	ng	99
87) Indeno(1,2,3-cd)pyrene	29.437	276	158654	10.348	ng #	94
88) Benzo(b)fluoranthene	24.321	252	137540	10.445	ng	99
89) Benzo(k)fluoranthene	24.391	252	138573	10.374	ng	100
90) Benzo(a)pyrene	25.266	252	118244	10.348	ng	96
91) Dibenzo(a,h)anthracene	29.513	278	133070	10.536	ng #	94
92) Benzo(g,h,i)perylene	30.688	276	127748	10.227	ng #	92

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

