

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030922\
 Data File : BG052622.D
 Acq On : 9 Mar 2022 21:37
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/10/2022
 Supervised By : Jagrut Upadhyay 03/10/2022

Quant Time: Mar 10 02:59:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 02:54:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	33826	20.000	ng	0.00
21) Naphthalene-d8	11.012	136	130515	20.000	ng	0.00
39) Acenaphthene-d10	14.831	164	89690	20.000	ng	0.00
64) Phenanthrene-d10	17.574	188	210555	20.000	ng	0.00
76) Chrysene-d12	21.886	240	197899	20.000	ng	0.00
86) Perylene-d12	25.305	264	210130	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	298555	150.372	ng	0.00
7) Phenol-d6	7.329	99	429333	153.892	ng	0.00
23) Nitrobenzene-d5	9.350	82	430467	150.362	ng	0.00
42) 2,4,6-Tribromophenol	16.317	330	203344	157.753	ng	0.00
45) 2-Fluorobiphenyl	13.450	172	977755	150.322	ng	0.00
79) Terphenyl-d14	20.176	244	1622449	146.814	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.516	88	66051	73.418	ng	98
3) Pyridine	3.933	79	186319m	76.646	ng	
4) n-Nitrosodimethylamine	3.840	42	85325	73.608	ng	97
6) Aniline	7.487	93	240651	74.393	ng	98
8) 2-Chlorophenol	7.734	128	155512	74.604	ng	99
10) Phenol	7.352	94	211178	75.962	ng	97
11) bis(2-Chloroethyl)ether	7.576	93	156052	72.744	ng	98
12) 1,3-Dichlorobenzene	8.063	146	183376	74.693	ng	98
13) 1,4-Dichlorobenzene	8.210	146	185637	75.048	ng	98
14) 1,2-Dichlorobenzene	8.533	146	175379	72.785	ng	99
15) Benzyl Alcohol	8.410	79	170747	78.518	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.704	45	208450	72.100	ng	97
17) 2-Methylphenol	8.621	107	139475	75.604	ng	97
18) Hexachloroethane	9.273	117	62626	71.923	ng	98
19) n-Nitroso-di-n-propyla...	8.985	70	143367	75.477	ng	96
20) 3+4-Methylphenols	8.950	107	197878	78.473	ng	99
22) Acetophenone	9.003	105	250542	74.443	ng	97
24) Nitrobenzene	9.391	77	200831	74.161	ng	98
25) Isophorone	9.919	82	368701	76.357	ng	98
26) 2-Nitrophenol	10.113	139	97523	80.534	ng	92
27) 2,4-Dimethylphenol	10.166	122	137607	78.733	ng	98
28) bis(2-Chloroethoxy)met...	10.395	93	215877	74.476	ng	100
29) 2,4-Dichlorophenol	10.660	162	165904	80.349	ng	98
30) 1,2,4-Trichlorobenzene	10.871	180	193676	76.605	ng	96
31) Naphthalene	11.065	128	515981	75.358	ng	99
32) Benzoic acid	10.360	122	79258m	111.699	ng	
33) 4-Chloroaniline	11.165	127	215814	77.888	ng	97
34) Hexachlorobutadiene	11.347	225	127418	73.715	ng	97
35) Caprolactam	11.958	113	58467	79.649	ng	# 90
36) 4-Chloro-3-methylphenol	12.293	107	182467	79.340	ng	95
37) 2-Methylnaphthalene	12.663	142	376535	75.418	ng	99
38) 1-Methylnaphthalene	12.880	142	361960	74.406	ng	94
40) 1,2,4,5-Tetrachloroben...	13.033	216	225593	75.819	ng	99
41) Hexachlorocyclopentadiene	13.009	237	122763	109.136	ng	97
43) 2,4,6-Trichlorophenol	13.268	196	153602	82.809	ng	100
44) 2,4,5-Trichlorophenol	13.344	196	163872	81.808	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030922\
 Data File : BG052622.D
 Acq On : 9 Mar 2022 21:37
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/10/2022
 Supervised By : Jagrut Upadhyay 03/10/2022

Quant Time: Mar 10 02:59:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 02:54:10 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.661	154	507454	76.766	ng	99
47) 2-Chloronaphthalene	13.709	162	395682	77.263	ng	98
48) 2-Nitroaniline	13.902	65	133291	79.208	ng	97
49) Acenaphthylene	14.554	152	633089	76.896	ng	100
50) Dimethylphthalate	14.272	163	518763	75.101	ng	100
51) 2,6-Dinitrotoluene	14.396	165	117620	78.449	ng	99
52) Acenaphthene	14.889	154	384563	71.913	ng	98
53) 3-Nitroaniline	14.731	138	123545	78.043	ng	99
54) 2,4-Dinitrophenol	14.936	184	73090	97.672	ng	97
55) Dibenzofuran	15.224	168	636361	75.282	ng	100
56) 4-Nitrophenol	15.042	139	91194	84.717	ng	97
57) 2,4-Dinitrotoluene	15.183	165	168318	79.371	ng	97
58) Fluorene	15.876	166	516460	75.510	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.453	232	153679	80.243	ng	99
60) Diethylphthalate	15.629	149	522924	74.193	ng	98
61) 4-Chlorophenyl-phenyle...	15.859	204	289620	75.473	ng	95
62) 4-Nitroaniline	15.894	138	128014	77.579	ng	98
63) Azobenzene	16.152	77	504962	73.390	ng	98
65) 4,6-Dinitro-2-methylph...	15.953	198	114577	89.071	ng	97
66) n-Nitrosodiphenylamine	16.070	169	458730	78.445	ng	99
67) 4-Bromophenyl-phenylether	16.751	248	202576	79.608	ng	99
68) Hexachlorobenzene	16.887	284	214393	77.930	ng	96
69) Atrazine	17.016	200	153909	69.062	ng	95
70) Pentachlorophenol	17.233	266	114475m	89.504	ng	
71) Phenanthrene	17.621	178	823893	75.285	ng	99
72) Anthracene	17.715	178	809268	74.929	ng	98
73) Carbazole	17.979	167	799050	75.254	ng	99
74) Di-n-butylphthalate	18.520	149	883343	74.657	ng	98
75) Fluoranthene	19.624	202	1006312	71.328	ng	98
77) Benzidine	19.794	184	279018	65.937	ng	98
78) Pyrene	19.988	202	1005888	77.167	ng	99
80) Butylbenzylphthalate	20.852	149	393613	81.359	ng	99
81) Benzo(a)anthracene	21.868	228	1004388	76.293	ng	99
82) 3,3'-Dichlorobenzidine	21.768	252	351317	75.308	ng	98
83) Chrysene	21.939	228	943724	75.522	ng	99
84) Bis(2-ethylhexyl)phtha...	21.745	149	536853	79.580	ng	98
85) Di-n-octyl phthalate	23.019	149	898968	79.898	ng	99
87) Indeno(1,2,3-cd)pyrene	29.270	276	1165894	76.006	ng	98
88) Benzo(b)fluoranthene	24.224	252	998818	75.829	ng	100
89) Benzo(k)fluoranthene	24.294	252	995245	76.059	ng	100
90) Benzo(a)pyrene	25.152	252	854633	77.129	ng	99
91) Dibenzo(a,h)anthracene	29.334	278	956375	75.674	ng	98
92) Benzo(g,h,i)perylene	30.515	276	957554	76.868	ng	96

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

Manual Integrations

Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022

Abundance

TIC: BG052622.D\data.ms

Time-->

1,4-Dioxane
n-Nitrosodimethylamine,
2-Fluorophenol,S
Phenol-d6,S
bis(2-chlorophenyl) ether
1,4-Dichlorobenzene,C
2,2'-oxybis(2-chlorophenyl)benzene
3,4'-N,N'-dimethyldiphenylamine,P
Hexachlorobenzene-d5,S
Isophthalic acid
2-Nitrophenol
Benzoic acid bis(2-chloroethoxy)methane
2,4-Dichlorophenol,C
Naphthalene-4,8-dichloro-1,5-bis(methyl)benzene
Hexachlorobutadiene,C
Caprolactam
4-Chloro-3-methylphenol,C
Hexachlorocyclopentadiene
2,4,5-Trichlorophenol,C
2-Nitroaniline
2,6-Dinitrotoluene
Acenaphthylene
Acenaphthene,C
Benzofuran
2,3,4,6-Tetrachlorophthalate
4,6-Dinitrophenyl-phenylether
4-Chlorophenylamine,C
2,4,6-Trichlorophenyl ether
4-Hexachlorophenyl ether
Pentachlorophenol,C
Phenanthrene-d10
Anthracene
Carbazole
Di-n-butylphthalate
Benzidine
Fluoranthene,C
Pyrene
Terphenyl-d14,S
Butylbenzylphthalate
Chrysene-d12
3,3'-Dichlorobenzidine
Di-n-octyl phthalate,c
Benzo(b)fluoranthene
Benzo(a)pyrene,C
Perylene-d12,T
Indeno(1,2,3-cd)pyrene
Benzo(g,h,i)perylene