

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102422\
 Data File : BG055258.D
 Acq On : 24 Oct 2022 15:53
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/25/2022

Supervised By :mohammad ahmed 10/27/2022

Quant Time: Oct 24 16:33:19 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Oct 24 14:49:17 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	36269	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	164912	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	114252	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	257315	20.000	ng	0.00
76) Chrysene-d12	21.901	240	226901	20.000	ng	0.00
86) Perylene-d12	25.297	264	242005	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	313517	155.522	ng	0.00
7) Phenol-d6	7.418	99	470741	153.246	ng	0.00
23) Nitrobenzene-d5	9.451	82	506935	148.404	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	201369	170.092	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	1039573	145.338	ng	0.00
79) Terphenyl-d14	20.197	244	1578456	129.622	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.605	88	72707	74.164	ng	97
3) Pyridine	4.028	79	234642m	76.008	ng	
4) n-Nitrosodimethylamine	3.934	42	102489	70.948	ng	97
6) Aniline	7.589	93	305506	76.714	ng	97
8) 2-Chlorophenol	7.835	128	185483	76.101	ng	99
9) Benzaldehyde	7.401	77	134181	62.839	ng	96
10) Phenol	7.448	94	263292	75.869	ng	99
11) bis(2-Chloroethyl)ether	7.683	93	192814	72.161	ng	99
12) 1,3-Dichlorobenzene	8.164	146	198633	75.128	ng	97
13) 1,4-Dichlorobenzene	8.311	146	202279	74.897	ng	99
14) 1,2-Dichlorobenzene	8.634	146	192681	74.874	ng	98
15) Benzyl Alcohol	8.511	79	202264	76.669	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.799	45	315980	65.616	ng	99
17) 2-Methylphenol	8.711	107	184265	76.707	ng	98
18) Hexachloroethane	9.375	117	72930	74.603	ng	97
19) n-Nitroso-di-n-propyla...	9.081	70	190353	72.251	ng	96
20) 3+4-Methylphenols	9.040	107	270119	80.002	ng	99
22) Acetophenone	9.105	105	324088	72.652	ng	# 99
24) Nitrobenzene	9.492	77	263602	72.168	ng	99
25) Isophorone	10.015	82	503549	72.051	ng	98
26) 2-Nitrophenol	10.209	139	123830	86.182	ng	96
27) 2,4-Dimethylphenol	10.250	122	183336	80.125	ng	97
28) bis(2-Chloroethoxy)met...	10.491	93	256249	76.303	ng	99
29) 2,4-Dichlorophenol	10.744	162	201021	82.283	ng	98
30) 1,2,4-Trichlorobenzene	10.961	180	199854	79.900	ng	98
31) Naphthalene	11.155	128	676332	77.722	ng	99
32) Benzoic acid	10.427	122	143648	87.705	ng	96
33) 4-Chloroaniline	11.255	127	299344	83.538	ng	98
34) Hexachlorobutadiene	11.431	225	112311	74.359	ng	98
35) Caprolactam	12.048	113	86017	80.120	ng	96
36) 4-Chloro-3-methylphenol	12.360	107	247893	78.037	ng	99
37) 2-Methylnaphthalene	12.741	142	490253	74.068	ng	100
38) 1-Methylnaphthalene	12.953	142	481395	73.672	ng	99
40) 1,2,4,5-Tetrachloroben...	13.100	216	218735	81.450	ng	99
41) Hexachlorocyclopentadiene	13.076	237	106576	87.143	ng	98
43) 2,4,6-Trichlorophenol	13.329	196	167352	81.877	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.405	196	185261	82.617	ng	99
46) 1,1'-Biphenyl	13.729	154	613503	75.834	ng	98
47) 2-Chloronaphthalene	13.776	162	484609	77.806	ng	100
48) 2-Nitroaniline	13.975	65	197556	78.161	ng	96
49) Acenaphthylene	14.616	152	822415	77.186	ng	98
50) Dimethylphthalate	14.334	163	674056	75.004	ng	100
51) 2,6-Dinitrotoluene	14.457	165	146686	81.346	ng	100
52) Acenaphthene	14.957	154	544837m	80.313	ng	
53) 3-Nitroaniline	14.792	138	182598	81.293	ng	98
54) 2,4-Dinitrophenol	14.992	184	87015	95.719	ng	99
55) Dibenzofuran	15.286	168	774779	79.289	ng	99
56) 4-Nitrophenol	15.086	139	137179	86.857	ng	98
57) 2,4-Dinitrotoluene	15.239	165	212473	84.268	ng	99
58) Fluorene	15.926	166	637207	77.433	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.503	232	162846	83.392	ng	98
60) Diethylphthalate	15.679	149	714472	75.994	ng	97
61) 4-Chlorophenyl-phenyle...	15.908	204	304687	79.771	ng	99
62) 4-Nitroaniline	15.949	138	184954	81.174	ng	99
63) Azobenzene	16.202	77	705107	74.205	ng	99
65) 4,6-Dinitro-2-methylph...	16.002	198	126052	91.709	ng	100
66) n-Nitrosodiphenylamine	16.126	169	562901	78.383	ng	99
67) 4-Bromophenyl-phenylether	16.801	248	202484	80.735	ng	97
68) Hexachlorobenzene	16.931	284	223197	81.313	ng	97
69) Atrazine	17.060	200	162355	68.593	ng	99
70) Pentachlorophenol	17.266	266	127195	85.862	ng	97
71) Phenanthrene	17.665	178	1032370	75.187	ng	97
72) Anthracene	17.753	178	998325	74.404	ng	97
73) Carbazole	18.018	167	951517	77.008	ng	98
74) Di-n-butylphthalate	18.552	149	1189538	73.809	ng	99
75) Fluoranthene	19.651	202	1160111	76.275	ng	97
77) Benzidine	19.821	184	358849	62.193	ng	98
78) Pyrene	20.015	202	1173428	68.633	ng	97
80) Butylbenzylphthalate	20.867	149	555093	69.462	ng	100
81) Benzo(a)anthracene	21.878	228	1122407	76.262	ng	98
82) 3,3'-Dichlorobenzidine	21.784	252	377685	74.736	ng	99
83) Chrysene	21.954	228	1055834	77.033	ng	98
84) Bis(2-ethylhexyl)phtha...	21.749	149	778614	74.465	ng	97
85) Di-n-octyl phthalate	23.018	149	1316909	84.475	ng	99
87) Indeno(1,2,3-cd)pyrene	29.228	276	1392772	82.746	ng	# 91
88) Benzo(b)fluoranthene	24.216	252	1120399	77.962	ng	98
89) Benzo(k)fluoranthene	24.293	252	1119042	76.886	ng	100
90) Benzo(a)pyrene	25.139	252	963845	78.140	ng	99
91) Dibenzo(a,h)anthracene	29.287	278	1138086	82.532	ng	99
92) Benzo(g,h,i)perylene	30.456	276	1135941	85.036	ng	99

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

