

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061322\
 Data File : BG053893.D
 Acq On : 13 Jun 2022 14:12
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 06/14/2022
 Supervised By : Jagrut Upadhyay 06/14/2022

Quant Time: Jun 13 14:49:12 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 13 14:28:25 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	22157	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	83341	20.000	ng	# 0.00
39) Acenaphthene-d10	14.710	164	62138	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	160198	20.000	ng	# 0.00
76) Chrysene-d12	21.731	240	176893	20.000	ng	0.00
86) Perylene-d12	24.992	264	190626	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	143854	119.225	ng	0.00
7) Phenol-d6	7.242	99	195589	119.668	ng	0.00
23) Nitrobenzene-d5	9.251	82	189312	149.168	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	133079	176.435	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	516291	124.300	ng	0.00
79) Terphenyl-d14	20.062	244	1064380	119.704	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.546	88	30622	52.487	ng	98
3) Pyridine	3.946	79	89078m	62.990	ng	
4) n-Nitrosodimethylamine	3.858	42	39050	61.158	ng	98
6) Aniline	7.412	93	116051	58.339	ng	98
8) 2-Chlorophenol	7.653	128	76729	62.123	ng	92
9) Benzaldehyde	7.218	77	46794	42.936	ng	# 77
10) Phenol	7.265	94	100459	59.483	ng	94
11) bis(2-Chloroethyl)ether	7.500	93	75796	57.059	ng	97
12) 1,3-Dichlorobenzene	7.976	146	93433	59.445	ng	94
13) 1,4-Dichlorobenzene	8.123	146	96084	60.111	ng	98
14) 1,2-Dichlorobenzene	8.446	146	90785	59.285	ng	98
15) Benzyl Alcohol	8.323	79	74417	60.828	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.617	45	110729	47.511	ng	98
17) 2-Methylphenol	8.523	107	69050	59.813	ng	# 91
18) Hexachloroethane	9.181	117	31937	60.387	ng	# 78
19) n-Nitroso-di-n-propyla...	8.893	70	64463	55.687	ng	97
20) 3+4-Methylphenols	8.852	107	97539	62.188	ng	94
22) Acetophenone	8.910	105	126375	61.408	ng	# 95
24) Nitrobenzene	9.292	77	93420	73.487	ng	# 85
25) Isophorone	9.815	82	173233	60.900	ng	# 95
26) 2-Nitrophenol	10.003	139	43805	110.958	ng	# 84
27) 2,4-Dimethylphenol	10.056	122	66097	64.636	ng	88
28) bis(2-Chloroethoxy)met...	10.297	93	92935	60.123	ng	97
29) 2,4-Dichlorophenol	10.538	162	90872	73.988	ng	90
30) 1,2,4-Trichlorobenzene	10.761	180	108486	69.789	ng	# 96
31) Naphthalene	10.949	128	259171	60.761	ng	99
32) Benzoic acid	10.221	122	30110m	52.484	ng	
33) 4-Chloroaniline	11.049	127	111243	62.907	ng	92
34) Hexachlorobutadiene	11.237	225	83900	76.183	ng	97
35) Caprolactam	11.825	113	26068	74.262	ng	93
36) 4-Chloro-3-methylphenol	12.160	107	86724	66.344	ng	87
37) 2-Methylnaphthalene	12.547	142	192396	62.177	ng	96
38) 1-Methylnaphthalene	12.765	142	188036	62.141	ng	97
40) 1,2,4,5-Tetrachloroben...	12.912	216	148226	71.037	ng	# 96
41) Hexachlorocyclopentadiene	12.894	237	75975	71.631	ng	96
43) 2,4,6-Trichlorophenol	13.147	196	87858	77.638	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.217	196	96170	76.380	ng	# 93
46) 1,1'-Biphenyl	13.546	154	263654	59.535	ng	99
47) 2-Chloronaphthalene	13.593	162	214996	62.403	ng	97
48) 2-Nitroaniline	13.781	65	62332	83.560	ng	92
49) Acenaphthylene	14.433	152	336964	60.965	ng	100
50) Dimethylphthalate	14.163	163	291471	64.006	ng	100
51) 2,6-Dinitrotoluene	14.275	165	63749	89.641	ng	# 75
52) Acenaphthene	14.774	154	219117	62.399	ng	99
53) 3-Nitroaniline	14.604	138	60558	79.147	ng	91
54) 2,4-Dinitrophenol	14.809	184	32577	90.743	ng	# 75
55) Dibenzofuran	15.109	168	343270	61.321	ng	94
56) 4-Nitrophenol	14.903	139	44899	70.209	ng	89
57) 2,4-Dinitrotoluene	15.062	165	90016	93.879	ng	# 84
58) Fluorene	15.755	166	281659	60.768	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.332	232	95210	76.216	ng	# 92
60) Diethylphthalate	15.520	149	285116	61.821	ng	97
61) 4-Chlorophenyl-phenyle...	15.744	204	169646	67.892	ng	# 88
62) 4-Nitroaniline	15.767	138	62554	72.605	ng	# 76
63) Azobenzene	16.037	77	229320	53.140	ng	90
65) 4,6-Dinitro-2-methylph...	15.832	198	55260	98.016	ng	79
66) n-Nitrosodiphenylamine	15.961	169	252810	59.346	ng	96
67) 4-Bromophenyl-phenylether	16.643	248	123360	70.873	ng	# 90
68) Hexachlorobenzene	16.766	284	140834	72.589	ng	# 92
69) Atrazine	16.901	200	107503	64.454	ng	96
70) Pentachlorophenol	17.101	266	72163	66.446	ng	98
71) Phenanthrene	17.494	178	497248	58.971	ng	98
72) Anthracene	17.589	178	492020	59.620	ng	100
73) Carbazole	17.853	167	422807	56.759	ng	99
74) Di-n-butylphthalate	18.411	149	500265	58.402	ng	# 98
75) Fluoranthene	19.504	202	662957	60.617	ng	97
77) Benzidine	19.674	184	222485	51.435	ng	99
78) Pyrene	19.862	202	662432	58.885	ng	97
80) Butylbenzylphthalate	20.744	149	227820	62.096	ng	89
81) Benzo(a)anthracene	21.713	228	708138	60.299	ng	98
82) 3,3'-Dichlorobenzidine	21.619	252	219148	66.207	ng	96
83) Chrysene	21.778	228	670432	60.481	ng	97
84) Bis(2-ethylhexyl)phtha...	21.619	149	317680	60.214	ng	# 94
85) Di-n-octyl phthalate	22.847	149	557042	63.490	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.740	276	903407	64.296	ng	# 95
88) Benzo(b)fluoranthene	23.963	252	719312	60.780	ng	99
89) Benzo(k)fluoranthene	24.034	252	711400	60.814	ng	98
90) Benzo(a)pyrene	24.839	252	616150	61.561	ng	100
91) Dibenzo(a,h)anthracene	28.805	278	739559	63.695	ng	98
92) Benzo(g,h,i)perylene	29.903	276	736133	64.320	ng	96

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

