

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110122\
 Data File : BG055400.D
 Acq On : 1 Nov 2022 19:11
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 11/02/2022
 Supervised By : Jagrut Upadhyay 11/02/2022

Quant Time: Nov 02 04:13:59 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 02 04:08:03 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.247	152	31732	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	130993	20.000	ng	0.00
39) Acenaphthene-d10	14.862	164	94428	20.000	ng	0.00
64) Phenanthrene-d10	17.595	188	212700	20.000	ng	0.00
76) Chrysene-d12	21.872	240	199114	20.000	ng	0.00
86) Perylene-d12	25.250	264	224985	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.767	112	266848	147.247	ng	0.00
7) Phenol-d6	7.401	99	371672	141.561	ng	0.00
23) Nitrobenzene-d5	9.428	82	387965	151.235	ng	0.00
42) 2,4,6-Tribromophenol	16.343	330	205645	200.333	ng	0.00
45) 2-Fluorobiphenyl	13.493	172	933197	161.754	ng	0.00
79) Terphenyl-d14	20.174	244	1412336	147.372	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.570	88	57310	65.495	ng	100
3) Pyridine	3.993	79	182417m	69.226	ng	
4) n-Nitrosodimethylamine	3.905	42	72590	62.004	ng	99
6) Aniline	7.565	93	239799	69.768	ng	98
8) 2-Chlorophenol	7.812	128	158103	75.040	ng	99
9) Benzaldehyde	7.371	77	103632	57.810	ng	99
10) Phenol	7.424	94	206753	70.303	ng	99
11) bis(2-Chloroethyl)ether	7.653	93	154130	69.428	ng	99
12) 1,3-Dichlorobenzene	8.135	146	180359	78.457	ng	99
13) 1,4-Dichlorobenzene	8.282	146	184491	78.572	ng	100
14) 1,2-Dichlorobenzene	8.605	146	173187	76.607	ng	99
15) Benzyl Alcohol	8.488	79	155379	70.719	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.770	45	204410	56.264	ng	97
17) 2-Methylphenol	8.687	107	148809	71.548	ng	99
18) Hexachloroethane	9.339	117	63656	76.133	ng	95
19) n-Nitroso-di-n-propyla...	9.057	70	143995	66.044	ng	97
20) 3+4-Methylphenols	9.022	107	215442	72.323	ng	100
22) Acetophenone	9.075	105	265989	79.425	ng	# 98
24) Nitrobenzene	9.469	77	200252	74.970	ng	98
25) Isophorone	9.992	82	383109	73.938	ng	99
26) 2-Nitrophenol	10.180	139	108860	93.065	ng	99
27) 2,4-Dimethylphenol	10.233	122	144971	79.387	ng	97
28) bis(2-Chloroethoxy)met...	10.462	93	202293	77.325	ng	99
29) 2,4-Dichlorophenol	10.720	162	183462	93.650	ng	97
30) 1,2,4-Trichlorobenzene	10.932	180	192017	96.038	ng	99
31) Naphthalene	11.126	128	564553	80.788	ng	99
32) Benzoic acid	10.426	122	106346	83.841	ng	94
33) 4-Chloroaniline	11.231	127	240754	80.586	ng	97
34) Hexachlorobutadiene	11.402	225	120351	105.351	ng	99
35) Caprolactam	12.036	113	63378	69.707	ng	97
36) 4-Chloro-3-methylphenol	12.342	107	196128	79.564	ng	99
37) 2-Methylnaphthalene	12.712	142	417913	82.947	ng	99
38) 1-Methylnaphthalene	12.929	142	406248	81.731	ng	100
40) 1,2,4,5-Tetrachloroben...	13.076	216	217684	95.580	ng	99
41) Hexachlorocyclopentadiene	13.047	237	107583	115.152	ng	93
43) 2,4,6-Trichlorophenol	13.311	196	159809	95.004	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.388	196	176775	95.013	ng	97
46) 1,1'-Biphenyl	13.699	154	532623	82.239	ng	98
47) 2-Chloronaphthalene	13.752	162	431804	84.550	ng	98
48) 2-Nitroaniline	13.952	65	137971	69.080	ng	99
49) Acenaphthylene	14.592	152	696876	79.045	ng	99
50) Dimethylphthalate	14.310	163	587928	79.300	ng	98
51) 2,6-Dinitrotoluene	14.439	165	129129	85.593	ng	99
52) Acenaphthene	14.927	154	418448	74.462	ng	98
53) 3-Nitroaniline	14.768	138	145600	76.787	ng	100
54) 2,4-Dinitrophenol	14.974	184	79672	109.958	ng	99
55) Dibenzofuran	15.256	168	677235	80.328	ng	98
56) 4-Nitrophenol	15.074	139	106223	78.323	ng	99
57) 2,4-Dinitrotoluene	15.221	165	186009	84.963	ng	99
58) Fluorene	15.902	166	541837	77.239	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.485	232	155909	93.996	ng	100
60) Diethylphthalate	15.656	149	598594	75.901	ng	98
61) 4-Chlorophenyl-phenyle...	15.885	204	287713	89.250	ng	97
62) 4-Nitroaniline	15.932	138	148718	74.635	ng	98
63) Azobenzene	16.179	77	513580	66.846	ng	98
65) 4,6-Dinitro-2-methylph...	15.985	198	118457	101.307	ng	98
66) n-Nitrosodiphenylamine	16.102	169	487786	82.393	ng	99
67) 4-Bromophenyl-phenylether	16.778	248	199974	96.771	ng	98
68) Hexachlorobenzene	16.907	284	223802	95.785	ng	97
69) Atrazine	17.036	200	157361	78.168	ng	99
70) Pentachlorophenol	17.248	266	118508	102.792	ng	99
71) Phenanthrene	17.642	178	884806	78.002	ng	97
72) Anthracene	17.730	178	868081	78.280	ng	99
73) Carbazole	17.994	167	798918	74.902	ng	98
74) Di-n-butylphthalate	18.523	149	983347	73.753	ng	98
75) Fluoranthene	19.627	202	1012430	76.596	ng	98
77) Benzidine	19.798	184	303611	62.975	ng	98
78) Pyrene	19.992	202	1029427	75.427	ng	98
80) Butylbenzylphthalate	20.844	149	458456	71.086	ng	99
81) Benzo(a)anthracene	21.848	228	1026774	76.792	ng	98
82) 3,3'-Dichlorobenzidine	21.754	252	365331	83.893	ng	99
83) Chrysene	21.925	228	978467	77.040	ng	99
84) Bis(2-ethylhexyl)phtha...	21.713	149	653342	70.915	ng	100
85) Di-n-octyl phthalate	22.965	149	1119373	72.930	ng	99
87) Indeno(1,2,3-cd)pyrene	29.157	276	1384929	83.344	ng	# 92
88) Benzo(b)fluoranthene	24.169	252	1062592	78.517	ng	99
89) Benzo(k)fluoranthene	24.246	252	1077536	78.852	ng	99
90) Benzo(a)pyrene	25.092	252	932528	80.352	ng	99
91) Dibenzo(a,h)anthracene	29.216	278	1133609	83.130	ng	98
92) Benzo(g,h,i)perylene	30.391	276	1134450	83.874	ng	97

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

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