

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091823\
 Data File : BG059087.D
 Acq On : 18 Sep 2023 14:31
 Operator : MA/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :Sohil Jodhani 09/19/2023

Quant Time: Sep 19 01:25:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 19 01:19:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.302	152	30586	20.000	ng	0.00
21) Naphthalene-d8	11.146	136	146830	20.000	ng	# 0.00
39) Acenaphthene-d10	14.936	164	98511	20.000	ng	0.00
64) Phenanthrene-d10	17.685	188	207556	20.000	ng	0.00
76) Chrysene-d12	22.010	240	183750	20.000	ng	0.00
86) Perylene-d12	25.558	264	219076	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	324866	165.934	ng	0.00
7) Phenol-d6	7.427	99	494504	169.946	ng	0.00
23) Nitrobenzene-d5	9.507	82	472162	171.982	ng	0.00
42) 2,4,6-Tribromophenol	16.422	330	187606	165.545	ng	0.00
45) 2-Fluorobiphenyl	13.561	172	1084608	164.395	ng	0.00
79) Terphenyl-d14	20.265	244	1484587	151.999	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.655	88	71252	75.532	ng	94
3) Pyridine	4.072	79	215928m	80.338	ng	
4) n-Nitrosodimethylamine	3.996	42	110806	81.093	ng	92
6) Aniline	7.632	93	315170	84.069	ng	97
8) 2-Chlorophenol	7.856	128	188069	84.757	ng	97
9) Benzaldehyde	7.450	77	105090	66.635	ng	99
10) Phenol	7.450	94	248358	87.265	ng	97
11) bis(2-Chloroethyl)ether	7.721	93	189178	83.761	ng	98
12) 1,3-Dichlorobenzene	8.185	146	186413m	82.498	ng	
13) 1,4-Dichlorobenzene	8.343	146	189315	83.675	ng	98
14) 1,2-Dichlorobenzene	8.661	146	184669	83.933	ng	99
15) Benzyl Alcohol	8.549	79	179881	86.382	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.825	45	380353	83.802	ng	99
17) 2-Methylphenol	8.725	107	189957	86.006	ng	94
18) Hexachloroethane	9.389	117	66689	83.919	ng	95
19) n-Nitroso-di-n-propyla...	9.119	70	156797	84.120	ng	98
20) 3+4-Methylphenols	9.060	107	262596	87.852	ng	97
22) Acetophenone	9.148	105	322383	85.257	ng	# 98
24) Nitrobenzene	9.554	77	226317	85.753	ng	99
25) Isophorone	10.059	82	468117	84.097	ng	99
26) 2-Nitrophenol	10.253	139	109481	89.959	ng	92
27) 2,4-Dimethylphenol	10.276	122	196949	85.277	ng	97
28) bis(2-Chloroethoxy)met...	10.541	93	258960	81.988	ng	98
29) 2,4-Dichlorophenol	10.776	162	187251	87.242	ng	95
30) 1,2,4-Trichlorobenzene	10.993	180	178373	85.975	ng	97
31) Naphthalene	11.205	128	648347	86.372	ng	97
33) 4-Chloroaniline	11.316	127	300137	89.168	ng	99
34) Hexachlorobutadiene	11.428	225	105044	83.654	ng	97
35) Caprolactam	12.133	113	71831	85.137	ng	96
36) 4-Chloro-3-methylphenol	12.392	107	223893	89.583	ng	100
37) 2-Methylnaphthalene	12.779	142	469469	88.099	ng	98
38) 1-Methylnaphthalene	12.997	142	442023	88.063	ng	99
40) 1,2,4,5-Tetrachloroben...	13.126	216	209483	84.749	ng	99
41) Hexachlorocyclopentadiene	13.079	237	121244	89.851	ng	97
43) 2,4,6-Trichlorophenol	13.367	196	163090	90.212	ng	99
44) 2,4,5-Trichlorophenol	13.437	196	189816	88.458	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.772	154	588314	84.494	ng	98
47) 2-Chloronaphthalene	13.825	162	460239	85.037	ng	95
48) 2-Nitroaniline	14.043	65	175704	89.397	ng	97
49) Acenaphthylene	14.665	152	758270	84.709	ng	99
50) Dimethylphthalate	14.383	163	631259	83.111	ng	98
51) 2,6-Dinitrotoluene	14.524	165	135927	88.792	ng	92
52) Acenaphthene	15.000	154	431260	84.676	ng	98
53) 3-Nitroaniline	14.865	138	161746	89.772	ng	# 94
54) 2,4-Dinitrophenol	15.059	184	80729	95.154	ng	# 85
55) Dibenzofuran	15.335	168	742553	84.057	ng	99
56) 4-Nitrophenol	15.130	139	126304	90.299	ng	97
57) 2,4-Dinitrotoluene	15.300	165	187963	91.047	ng	95
58) Fluorene	15.981	166	605798	83.392	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.535	232	153317m	86.215	ng	
60) Diethylphthalate	15.723	149	615735	81.521	ng	99
61) 4-Chlorophenyl-phenyle...	15.964	204	271539	82.641	ng	97
62) 4-Nitroaniline	16.028	138	157954	89.539	ng	94
63) Azobenzene	16.258	77	617888	83.120	ng	98
65) 4,6-Dinitro-2-methylph...	16.052	198	111588	92.929	ng	98
66) n-Nitrosodiphenylamine	16.187	169	534051	86.713	ng	97
67) 4-Bromophenyl-phenylether	16.857	248	171500	85.243	ng	98
68) Hexachlorobenzene	16.951	284	179629	86.293	ng	97
69) Atrazine	17.115	200	155568	78.429	ng	99
70) Pentachlorophenol	17.303	266	142876	88.713	ng	94
71) Phenanthrene	17.732	178	935659	85.013	ng	99
72) Anthracene	17.820	178	948397	83.845	ng	99
73) Carbazole	18.097	167	900084	83.920	ng	97
74) Di-n-butylphthalate	18.602	149	1063460	80.900	ng	99
75) Fluoranthene	19.724	202	1066647	82.385	ng	99
77) Benzidine	19.906	184	297352	76.434	ng	98
78) Pyrene	20.088	202	1097928	84.679	ng	98
80) Butylbenzylphthalate	20.946	149	468798	87.253	ng	95
81) Benzo(a)anthracene	21.992	228	1065562	85.526	ng	99
82) 3,3'-Dichlorobenzidine	21.904	252	383483	85.417	ng	100
83) Chrysene	22.063	228	1015849	85.068	ng	99
84) Bis(2-ethylhexyl)phtha...	21.822	149	716911	87.747	ng	100
85) Di-n-octyl phthalate	23.150	149	1232844	88.960	ng	99
87) Indeno(1,2,3-cd)pyrene	29.701	276	1245975	88.076	ng	98
88) Benzo(b)fluoranthene	24.419	252	1084092	85.543	ng	98
89) Benzo(k)fluoranthene	24.501	252	1106338	84.962	ng	98
90) Benzo(a)pyrene	25.400	252	1070890	86.074	ng	99
91) Dibenzo(a,h)anthracene	29.783	278	1019669	89.090	ng	97
92) Benzo(g,h,i)perylene	31.023	276	1014762	86.699	ng	99

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

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