

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042023\
 Data File : BG057143.D
 Acq On : 20 Apr 2023 12:54
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/21/2023
 Supervised By : Jagrut Upadhyay 04/24/2023

Quant Time: Apr 21 05:46:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 05:45:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.390	152	8426	20.000	ng	0.00
21) Naphthalene-d8	11.234	136	36794	20.000	ng	0.00
39) Acenaphthene-d10	15.005	164	30157	20.000	ng	0.00
64) Phenanthrene-d10	17.742	188	98006	20.000	ng	0.00
76) Chrysene-d12	22.048	240	83097	20.000	ng	-0.01
86) Perylene-d12	25.567	264	89385	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.900	112	9724	20.669	ng	0.00
7) Phenol-d6	7.521	99	15532	20.943	ng	0.00
23) Nitrobenzene-d5	9.571	82	16025	19.899	ng	0.00
42) 2,4,6-Tribromophenol	16.485	330	12044	22.989	ng	0.00
45) 2-Fluorobiphenyl	13.630	172	42568	18.714	ng	0.00
79) Terphenyl-d14	20.304	244	104421	19.450	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.708	88	2544	10.111	ng	95
3) Pyridine	4.131	79	6341	10.240	ng	97
4) n-Nitrosodimethylamine	4.037	42	3425	10.176	ng	# 96
6) Aniline	7.703	93	9679	10.559	ng	# 90
8) 2-Chlorophenol	7.950	128	5291	10.459	ng	92
9) Benzaldehyde	7.515	77	5326	12.428	ng	91
10) Phenol	7.550	94	7285	10.241	ng	97
11) bis(2-Chloroethyl)ether	7.785	93	5561	11.109	ng	89
12) 1,3-Dichlorobenzene	8.285	146	6082	10.580	ng	95
13) 1,4-Dichlorobenzene	8.426	146	6226m	10.512	ng	
14) 1,2-Dichlorobenzene	8.755	146	5528	9.671	ng	89
15) Benzyl Alcohol	8.625	79	5996	9.778	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.901	45	6834m	11.030	ng	
17) 2-Methylphenol	8.825	107	5600	10.083	ng	91
18) Hexachloroethane	9.495	117	2164	10.433	ng	# 74
19) n-Nitroso-di-n-propyla...	9.189	70	5722	10.555	ng	96
20) 3+4-Methylphenols	9.154	107	7478	10.062	ng	95
22) Acetophenone	9.219	105	9883	10.139	ng	95
24) Nitrobenzene	9.612	77	8232	10.171	ng	93
25) Isophorone	10.129	82	15606	10.601	ng	# 94
26) 2-Nitrophenol	10.329	139	3281	9.898	ng	88
27) 2,4-Dimethylphenol	10.364	122	5540	9.891	ng	82
28) bis(2-Chloroethoxy)met...	10.605	93	7714	9.441	ng	97
29) 2,4-Dichlorophenol	10.869	162	5872	8.911	ng	89
30) 1,2,4-Trichlorobenzene	11.087	180	6965	9.822	ng	# 94
31) Naphthalene	11.281	128	19471	9.884	ng	99
32) Benzoic acid	10.470	122	2119m	7.550	ng	
33) 4-Chloroaniline	11.380	127	8873	9.975	ng	# 92
34) Hexachlorobutadiene	11.551	225	5183	10.002	ng	92
35) Caprolactam	12.121	113	1830	8.685	ng	89
36) 4-Chloro-3-methylphenol	12.467	107	6360	9.358	ng	# 80
37) 2-Methylnaphthalene	12.861	142	15798	10.145	ng	90
38) 1-Methylnaphthalene	13.078	142	14758	9.895	ng	97
40) 1,2,4,5-Tetrachloroben...	13.213	216	9922	9.512	ng	98
41) Hexachlorocyclopentadiene	13.196	237	3348	11.624	ng	81
43) 2,4,6-Trichlorophenol	13.448	196	5826	9.006	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.525	196	7169	9.302	ng	93
46) 1,1'-Biphenyl	13.842	154	21090	9.298	ng	94
47) 2-Chloronaphthalene	13.895	162	15759	9.295	ng	97
48) 2-Nitroaniline	14.089	65	5008	8.776	ng	92
49) Acenaphthylene	14.729	152	25550	9.361	ng	97
50) Dimethylphthalate	14.435	163	22899	9.665	ng	97
51) 2,6-Dinitrotoluene	14.564	165	4610	8.935	ng	91
52) Acenaphthene	15.064	154	16141	9.483	ng	98
53) 3-Nitroaniline	14.899	138	4731	9.471	ng	# 94
54) 2,4-Dinitrophenol	15.105	184	1704	9.932	ng	95
55) Dibenzofuran	15.399	168	28860	10.147	ng	97
56) 4-Nitrophenol	15.193	139	2919	8.654	ng	89
57) 2,4-Dinitrotoluene	15.352	165	7115	9.728	ng	# 94
58) Fluorene	16.045	166	31018	12.719	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.622	232	6369	9.609	ng	# 94
60) Diethylphthalate	15.780	149	27859	11.306	ng	98
61) 4-Chlorophenyl-phenyle...	16.021	204	17694	12.301	ng	97
62) 4-Nitroaniline	16.051	138	7715	13.309	ng	89
63) Azobenzene	16.315	77	33015	13.383	ng	97
65) 4,6-Dinitro-2-methylph...	16.115	198	5038	8.310	ng	89
66) n-Nitrosodiphenylamine	16.233	169	26653	9.694	ng	95
67) 4-Bromophenyl-phenylether	16.914	248	11586	9.508	ng	87
68) Hexachlorobenzene	17.049	284	11668	9.180	ng	# 88
69) Atrazine	17.161	200	10190	9.667	ng	96
70) Pentachlorophenol	17.390	266	4937	7.076	ng	95
71) Phenanthrene	17.784	178	49597	9.764	ng	99
72) Anthracene	17.872	178	50704	9.714	ng	98
73) Carbazole	18.136	167	43385	9.862	ng	100
74) Di-n-butylphthalate	18.659	149	50869	9.789	ng	99
75) Fluoranthene	19.769	202	59107	9.526	ng	97
77) Benzidine	19.934	184	24461	11.539	ng	# 95
78) Pyrene	20.127	202	58941	9.843	ng	96
80) Butylbenzylphthalate	20.985	149	21807	10.098	ng	96
81) Benzo(a)anthracene	22.031	228	57921	9.812	ng	98
82) 3,3'-Dichlorobenzidine	21.925	252	20447	10.046	ng	95
83) Chrysene	22.101	228	54583	9.811	ng	100
84) Bis(2-ethylhexyl)phtha...	21.878	149	31832	10.307	ng	100
85) Di-n-octyl phthalate	23.182	149	53110	10.447	ng	99
87) Indeno(1,2,3-cd)pyrene	29.632	276	65580	10.065	ng	# 94
88) Benzo(b)fluoranthene	24.445	252	56351	9.708	ng	92
89) Benzo(k)fluoranthene	24.510	252	56786m	9.775	ng	
90) Benzo(a)pyrene	25.403	252	53906	9.677	ng	100
91) Dibenzo(a,h)anthracene	29.691	278	53002	9.801	ng	# 96
92) Benzo(g,h,i)perylene	30.907	276	52384	10.007	ng	99

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

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