

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
 Data File : BG053260.D
 Acq On : 22 Apr 2022 14:22
 Operator : CG/JU
 Sample : N2494-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-1DMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/25/2022
 Supervised By : Jagrut Upadhyay 04/25/2022

Quant Time: Apr 24 01:15:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.112	152	26344	20.000	ng	0.00
21) Naphthalene-d8	10.926	136	104795	20.000	ng	0.00
39) Acenaphthene-d10	14.732	164	80838	20.000	ng	0.00
64) Phenanthrene-d10	17.481	188	201693	20.000	ng	0.00
76) Chrysene-d12	21.764	240	192325	20.000	ng	0.00
86) Perylene-d12	25.065	264	200166	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.680	112	169450	110.260	ng	0.00
7) Phenol-d6	7.272	99	247570	104.462	ng	0.00
23) Nitrobenzene-d5	9.269	82	167627	64.948	ng	0.00
42) 2,4,6-Tribromophenol	16.224	330	132601	103.103	ng	0.00
45) 2-Fluorobiphenyl	13.358	172	379115	64.668	ng	0.00
79) Terphenyl-d14	20.084	244	780427	68.533	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.553	88	29117	39.673	ng	# 88
3) Pyridine	3.953	79	73229	37.831	ng	# 86
4) n-Nitrosodimethylamine	3.865	42	47297	49.342	ng	87
6) Aniline	7.430	93	70626	25.714	ng	97
8) 2-Chlorophenol	7.677	128	87083	52.487	ng	94
9) Benzaldehyde	7.242	77	64344m	45.420	ng	
10) Phenol	7.301	94	121757	51.613	ng	90
11) bis(2-Chloroethyl)ether	7.518	93	81513	47.934	ng	90
12) 1,3-Dichlorobenzene	8.000	146	92569	48.014	ng	97
13) 1,4-Dichlorobenzene	8.147	146	91225	46.413	ng	93
14) 1,2-Dichlorobenzene	8.464	146	89168	47.045	ng	98
15) Benzyl Alcohol	8.347	79	100018	47.480	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.635	45	127728	44.989	ng	99
17) 2-Methylphenol	8.552	107	79402	49.739	ng	94
18) Hexachloroethane	9.198	117	34646	47.006	ng	97
19) n-Nitroso-di-n-propyla...	8.911	70	77972	44.939	ng	98
20) 3+4-Methylphenols	8.881	107	110803	49.169	ng	87
22) Acetophenone	8.928	105	137983	47.461	ng	97
24) Nitrobenzene	9.316	77	119345	47.540	ng	90
25) Isophorone	9.839	82	212669	48.479	ng	99
26) 2-Nitrophenol	10.027	139	48781	46.469	ng	# 89
27) 2,4-Dimethylphenol	10.091	122	83934	55.829	ng	92
28) bis(2-Chloroethoxy)met...	10.315	93	115485	46.859	ng	98
29) 2,4-Dichlorophenol	10.573	162	95200	50.370	ng	98
30) 1,2,4-Trichlorobenzene	10.785	180	99253	46.399	ng	95
31) Naphthalene	10.973	128	262950	47.031	ng	99
32) Benzoic acid	10.250	122	49926	50.797	ng	# 90
33) 4-Chloroaniline	11.078	127	37491	15.659	ng	99
34) Hexachlorobutadiene	11.260	225	70823	44.571	ng	96
35) Caprolactam	11.854	113	31878m	47.850	ng	
36) 4-Chloro-3-methylphenol	12.200	107	109227	49.640	ng	93
37) 2-Methylnaphthalene	12.570	142	192447	46.517	ng	94
38) 1-Methylnaphthalene	12.788	142	186753	46.246	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.941	216	126614	46.116	ng	98
41) Hexachlorocyclopentadiene	12.917	237	133494	94.189	ng	91
43) 2,4,6-Trichlorophenol	13.175	196	87449	46.197	ng	98

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44) 2,4,5-Trichlorophenol	13.252	196	96163	47.672	ng	96
46) 1,1'-Biphenyl	13.569	154	268263	46.082	ng	97
47) 2-Chloronaphthalene	13.616	162	211033	45.437	ng	99
48) 2-Nitroaniline	13.810	65	81244	46.094	ng	94
49) Acenaphthylene	14.462	152	359470	49.442	ng	99
50) Dimethylphthalate	14.180	163	291716	45.117	ng	99
51) 2,6-Dinitrotoluene	14.303	165	65155	48.303	ng	90
52) Acenaphthene	14.797	154	263689m	53.482	ng	
53) 3-Nitroaniline	14.632	138	26315	18.450	ng	# 83
54) 2,4-Dinitrophenol	14.850	184	83737	97.566	ng	# 91
55) Dibenzofuran	15.132	168	345447	44.745	ng	97
56) 4-Nitrophenol	14.955	139	108524	99.765	ng	# 80
57) 2,4-Dinitrotoluene	15.091	165	91507	47.651	ng	# 85
58) Fluorene	15.784	166	285384	45.768	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.361	232	94742	48.364	ng	97
60) Diethylphthalate	15.543	149	296124	43.712	ng	99
61) 4-Chlorophenyl-phenyle...	15.766	204	160034	45.275	ng	100
62) 4-Nitroaniline	15.795	138	64864	43.097	ng	# 77
63) Azobenzene	16.060	77	301762	44.181	ng	96
65) 4,6-Dinitro-2-methylph...	15.860	198	59837	42.523	ng	96
66) n-Nitrosodiphenylamine	15.983	169	260817	44.968	ng	97
67) 4-Bromophenyl-phenylether	16.665	248	114879	44.451	ng	98
68) Hexachlorobenzene	16.794	284	128852	46.039	ng	97
69) Atrazine	16.929	200	115133	50.818	ng	95
70) Pentachlorophenol	17.135	266	152696	99.827	ng	91
71) Phenanthrene	17.523	178	500878	45.465	ng	97
72) Anthracene	17.617	178	505929	46.355	ng	99
73) Carbazole	17.881	167	470955	44.390	ng	99
74) Di-n-butylphthalate	18.427	149	529616	44.015	ng	98
75) Fluoranthene	19.532	202	639761	45.303	ng	99
77) Benzidine	19.702	184	258919	47.185	ng	99
78) Pyrene	19.890	202	637637	46.552	ng	99
80) Butylbenzylphthalate	20.765	149	229076	44.859	ng	98
81) Benzo(a)anthracene	21.746	228	619118	47.082	ng	99
82) 3,3'-Dichlorobenzidine	21.652	252	99724	20.621	ng	92
83) Chrysene	21.817	228	561537	46.013	ng	98
84) Bis(2-ethylhexyl)phtha...	21.635	149	321571	46.587	ng	99
85) Di-n-octyl phthalate	22.868	149	542796	47.018	ng	96
87) Indeno(1,2,3-cd)pyrene	28.848	276	687333	46.219	ng	# 96
88) Benzo(b)fluoranthene	24.020	252	621879	49.241	ng	97
89) Benzo(k)fluoranthene	24.090	252	603352	48.609	ng	99
90) Benzo(a)pyrene	24.913	252	603880	56.128	ng	98
91) Dibenzo(a,h)anthracene	28.913	278	597628	48.827	ng	97
92) Benzo(g,h,i)perylene	30.035	276	588315	48.766	ng	98

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

