

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052722\
 Data File : BG053735.D
 Acq On : 27 May 2022 16:11
 Operator : CG/JU
 Sample : N3056-11MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-02MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/28/2022
 Supervised By : Jagrut Upadhyay 05/31/2022

Quant Time: May 28 01:57:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 15:11:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	18483	20.000	ng	-0.04
21) Naphthalene-d8	10.763	136	77740	20.000	ng	-0.04
39) Acenaphthene-d10	14.593	164	60456	20.000	ng	-0.03
64) Phenanthrene-d10	17.342	188	139648	20.000	ng	-0.03
76) Chrysene-d12	21.607	240	136609	20.000	ng	-0.03
86) Perylene-d12	24.785	264	134100	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.517	112	77351	71.025	ng	-0.04
7) Phenol-d6	7.138	99	75816	45.870	ng	-0.03
23) Nitrobenzene-d5	9.124	82	170238	93.218	ng	-0.03
42) 2,4,6-Tribromophenol	16.091	330	129871	145.651	ng	-0.03
45) 2-Fluorobiphenyl	13.218	172	393037	95.001	ng	-0.03
79) Terphenyl-d14	19.950	244	657840	89.687	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.349	88	8932	15.631	ng	# 69
3) Pyridine	3.760	79	21088	15.111	ng	94
4) n-Nitrosodimethylamine	3.672	42	15528	22.842	ng	93
6) Aniline	7.273	93	52970	28.935	ng	96
8) 2-Chlorophenol	7.526	128	51346	45.099	ng	98
9) Benzaldehyde	7.085	77	68318	65.063	ng	# 1
10) Phenol	7.162	94	29807	18.439	ng	# 67
11) bis(2-Chloroethyl)ether	7.367	93	60723	50.367	ng	94
12) 1,3-Dichlorobenzene	7.843	146	62192	46.304	ng	94
13) 1,4-Dichlorobenzene	7.990	146	64411	47.523	ng	97
14) 1,2-Dichlorobenzene	8.307	146	62657	49.230	ng	97
15) Benzyl Alcohol	8.195	79	52954	38.322	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.483	45	95664	48.753	ng	92
17) 2-Methylphenol	8.413	107	42238	38.659	ng	98
18) Hexachloroethane	9.041	117	21384m	41.547	ng	
19) n-Nitroso-di-n-propyla...	8.759	70	62592	52.781	ng	96
20) 3+4-Methylphenols	8.748	107	53238	34.501	ng	# 86
22) Acetophenone	8.777	105	183166	86.089	ng	# 93
24) Nitrobenzene	9.165	77	100863	57.063	ng	98
25) Isophorone	9.688	82	168877	54.947	ng	98
26) 2-Nitrophenol	9.876	139	35622	49.759	ng	92
27) 2,4-Dimethylphenol	9.946	122	72160	66.977	ng	99
28) bis(2-Chloroethoxy)met...	10.163	93	87606	49.561	ng	97
29) 2,4-Dichlorophenol	10.428	162	65936	50.709	ng	96
30) 1,2,4-Trichlorobenzene	10.627	180	74985	50.756	ng	98
31) Naphthalene	10.821	128	1009445	255.269	ng	98
32) Benzoic acid	10.152	122	30082m	45.257	ng	
33) 4-Chloroaniline	10.927	127	41031	24.776	ng	94
34) Hexachlorobutadiene	11.097	225	54795	50.018	ng	95
35) Caprolactam	11.926	113	5368m	11.360	ng	
36) 4-Chloro-3-methylphenol	12.067	107	73054	46.969	ng	97
37) 2-Methylnaphthalene	12.425	142	275103	93.220	ng	99
38) 1-Methylnaphthalene	12.642	142	250003m	86.828	ng	
40) 1,2,4,5-Tetrachloroben...	12.795	216	100491	52.733	ng	97
41) Hexachlorocyclopentadiene	12.772	237	76207	96.170	ng	97
43) 2,4,6-Trichlorophenol	13.042	196	64054	51.494	ng	94

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44) 2,4,5-Trichlorophenol	13.124	196	69722	52.664	ng	# 96
46) 1,1'-Biphenyl	13.430	154	215526	52.301	ng	98
47) 2-Chloronaphthalene	13.477	162	166647	51.615	ng	98
48) 2-Nitroaniline	13.682	65	69478	57.751	ng	92
49) Acenaphthylene	14.322	152	274871	53.352	ng	98
50) Dimethylphthalate	14.052	163	224545	48.877	ng	97
51) 2,6-Dinitrotoluene	14.176	165	51863	55.411	ng	96
52) Acenaphthene	14.663	154	159141	51.831	ng	96
53) 3-Nitroaniline	14.510	138	20354	20.127	ng	96
54) 2,4-Dinitrophenol	14.728	184	50205	84.152	ng	97
55) Dibenzofuran	14.998	168	281467	51.037	ng	98
56) 4-Nitrophenol	14.857	139	32042	44.360	ng	93
57) 2,4-Dinitrotoluene	14.969	165	73188	53.946	ng	# 87
58) Fluorene	15.644	166	233244	52.702	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.233	232	67923	50.567	ng	98
60) Diethylphthalate	15.409	149	234372	49.388	ng	98
61) 4-Chlorophenyl-phenyle...	15.632	204	126284	51.136	ng	99
62) 4-Nitroaniline	15.674	138	42342	40.367	ng	94
63) Azobenzene	15.926	77	237715	48.918	ng	99
65) 4,6-Dinitro-2-methylph...	15.738	198	38304	46.032	ng	96
66) n-Nitrosodiphenylamine	15.850	169	203488	55.499	ng	99
67) 4-Bromophenyl-phenylether	16.525	248	90553	55.522	ng	99
68) Hexachlorobenzene	16.655	284	98760	55.291	ng	97
69) Atrazine	16.807	200	79676	51.619	ng	98
70) Pentachlorophenol	17.007	266	104758	107.226	ng	94
71) Phenanthrene	17.383	178	392478	55.272	ng	99
72) Anthracene	17.477	178	382505	54.804	ng	100
73) Carbazole	17.747	167	374497	54.748	ng	100
74) Di-n-butylphthalate	18.294	149	392766	51.054	ng	99
75) Fluoranthene	19.398	202	465960	50.679	ng	98
78) Pyrene	19.762	202	469671	53.110	ng	99
80) Butylbenzylphthalate	20.637	149	166721	51.412	ng	99
81) Benzo(a)anthracene	21.583	228	452472	51.930	ng	99
82) 3,3'-Dichlorobenzidine	21.501	252	43465	19.671	ng	# 96
83) Chrysene	21.654	228	415048	51.002	ng	99
84) Bis(2-ethylhexyl)phtha...	21.477	149	236524	52.844	ng	99
85) Di-n-octyl phthalate	22.664	149	398065	52.594	ng	99
87) Indeno(1,2,3-cd)pyrene	28.439	276	498093	53.330	ng	# 96
88) Benzo(b)fluoranthene	23.774	252	458130	57.716	ng	98
89) Benzo(k)fluoranthene	23.845	252	432407	55.437	ng	99
90) Benzo(a)pyrene	24.638	252	426902	63.188	ng	99
91) Dibenzo(a,h)anthracene	28.480	278	437732	56.878	ng	98
92) Benzo(g,h,i)perylene	29.567	276	429182	56.260	ng	98

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

