

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030822\
 Data File : BG052607.D
 Acq On : 8 Mar 2022 16:42
 Operator : CG/JU
 Sample : N1793-16MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-10MSD

Quant Time: Mar 09 04:18:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 08 01:09:10 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/09/2022
 Supervised By : Jagrut Upadhyay 03/09/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.211	152	29699	20.000	ng	-0.01
21) Naphthalene-d8	11.054	136	116529	20.000	ng	# 0.00
39) Acenaphthene-d10	14.861	164	83248	20.000	ng	0.00
64) Phenanthrene-d10	17.610	188	202180	20.000	ng	0.00
76) Chrysene-d12	21.933	240	201103	20.000	ng	0.00
86) Perylene-d12	25.387	264	209993	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	157947	90.607	ng	0.00
7) Phenol-d6	7.365	99	222938	91.016	ng	0.00
23) Nitrobenzene-d5	9.386	82	150857	59.019	ng	-0.01
42) 2,4,6-Tribromophenol	16.353	330	108866	90.993	ng	0.00
45) 2-Fluorobiphenyl	13.480	172	358684	59.412	ng	0.00
79) Terphenyl-d14	20.206	244	702571	62.562	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.570	88	31788	40.243	ng	90
3) Pyridine	3.981	79	82886	38.835	ng	93
4) n-Nitrosodimethylamine	3.887	42	47971	47.134	ng	# 77
6) Aniline	7.523	93	83612	29.439	ng	92
8) 2-Chlorophenol	7.776	128	99994	54.636	ng	91
9) Benzaldehyde	7.335	77	66366m	45.170	ng	
10) Phenol	7.394	94	135097	55.348	ng	90
11) bis(2-Chloroethyl)ether	7.612	93	91385	48.519	ng	92
12) 1,3-Dichlorobenzene	8.105	146	105474	48.932	ng	94
13) 1,4-Dichlorobenzene	8.252	146	108149	49.797	ng	97
14) 1,2-Dichlorobenzene	8.575	146	104318	49.310	ng	94
15) Benzyl Alcohol	8.452	79	101517	53.170	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.739	45	121128	47.718	ng	96
17) 2-Methylphenol	8.657	107	88802	54.825	ng	93
18) Hexachloroethane	9.315	117	37591	49.171	ng	95
19) n-Nitroso-di-n-propyla...	9.015	70	83326	49.964	ng	90
20) 3+4-Methylphenols	8.986	107	118837	53.676	ng	93
22) Acetophenone	9.039	105	148571	49.443	ng	92
24) Nitrobenzene	9.433	77	124353	51.432	ng	# 91
25) Isophorone	9.955	82	228079	52.904	ng	97
26) 2-Nitrophenol	10.149	139	58485	54.093	ng	# 82
27) 2,4-Dimethylphenol	10.208	122	97326	62.370	ng	90
28) bis(2-Chloroethoxy)met...	10.431	93	128386	49.608	ng	96
29) 2,4-Dichlorophenol	10.696	162	103626	56.211	ng	97
30) 1,2,4-Trichlorobenzene	10.913	180	112562	49.865	ng	98
31) Naphthalene	11.101	128	309438	50.617	ng	97
32) Benzoic acid	10.367	122	46448m	58.272	ng	
33) 4-Chloroaniline	11.207	127	37701	15.240	ng	95
34) Hexachlorobutadiene	11.389	225	72246	46.813	ng	97
35) Caprolactam	11.976	113	34825m	53.136	ng	
36) 4-Chloro-3-methylphenol	12.323	107	113300	55.178	ng	96
37) 2-Methylnaphthalene	12.699	142	224245	50.306	ng	95
38) 1-Methylnaphthalene	12.916	142	215954	49.721	ng	# 97
40) 1,2,4,5-Tetrachloroben...	13.069	216	134926	48.856	ng	99
41) Hexachlorocyclopentadiene	13.045	237	159130	121.551	ng	96
43) 2,4,6-Trichlorophenol	13.304	196	93631	54.384	ng	99

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44) 2,4,5-Trichlorophenol	13.380	196	101541	54.614	ng	# 91
46) 1,1'-Biphenyl	13.692	154	311947	50.842	ng	100
47) 2-Chloronaphthalene	13.739	162	240442	50.583	ng	98
48) 2-Nitroaniline	13.938	65	81230	52.006	ng	88
49) Acenaphthylene	14.584	152	406865	53.243	ng	99
50) Dimethylphthalate	14.302	163	316539	49.371	ng	100
51) 2,6-Dinitrotoluene	14.426	165	74378	53.447	ng	# 81
52) Acenaphthene	14.925	154	285729m	57.566	ng	
53) 3-Nitroaniline	14.761	138	30638	20.852	ng	# 98
54) 2,4-Dinitrophenol	14.972	184	91240	104.181	ng	95
55) Dibenzofuran	15.260	168	378946	48.299	ng	98
56) 4-Nitrophenol	15.072	139	118643	118.746	ng	# 80
57) 2,4-Dinitrotoluene	15.219	165	103327	52.495	ng	# 82
58) Fluorene	15.906	166	318336	50.145	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.489	232	94170	52.975	ng	# 96
60) Diethylphthalate	15.659	149	320263	48.955	ng	97
61) 4-Chlorophenyl-phenyle...	15.889	204	173970	48.844	ng	97
62) 4-Nitroaniline	15.924	138	73301	47.859	ng	# 86
63) Azobenzene	16.188	77	303394	47.507	ng	92
65) 4,6-Dinitro-2-methylph...	15.983	198	64772	52.439	ng	90
66) n-Nitrosodiphenylamine	16.106	169	283447	50.479	ng	99
67) 4-Bromophenyl-phenylether	16.787	248	121871	49.877	ng	94
68) Hexachlorobenzene	16.922	284	131002	49.591	ng	92
69) Atrazine	17.046	200	118039	55.161	ng	96
70) Pentachlorophenol	17.269	266	148338	106.615	ng	97
71) Phenanthrene	17.657	178	522745	49.745	ng	98
72) Anthracene	17.745	178	525849	50.705	ng	99
73) Carbazole	18.015	167	495298	48.579	ng	98
74) Di-n-butylphthalate	18.550	149	570867	50.246	ng	98
75) Fluoranthene	19.660	202	676366	49.927	ng	98
77) Benzidine	19.830	184	244503	56.860	ng	98
78) Pyrene	20.024	202	672928	50.801	ng	99
80) Butylbenzylphthalate	20.888	149	251821	51.222	ng	92
81) Benzo(a)anthracene	21.910	228	672894	50.299	ng	100
82) 3,3'-Dichlorobenzidine	21.810	252	150947	31.842	ng	100
83) Chrysene	21.980	228	624401	49.172	ng	99
84) Bis(2-ethylhexyl)phtha...	21.781	149	353187	51.520	ng	98
85) Di-n-octyl phthalate	23.073	149	600124	52.488	ng	# 94
87) Indeno(1,2,3-cd)pyrene	29.400	276	756869	49.374	ng	# 94
88) Benzo(b)fluoranthene	24.289	252	696345	52.900	ng	99
89) Benzo(k)fluoranthene	24.359	252	680925	52.072	ng	98
90) Benzo(a)pyrene	25.229	252	671937	60.680	ng	99
91) Dibenzo(a,h)anthracene	29.453	278	654721	51.839	ng	# 97
92) Benzo(g,h,i)perylene	30.645	276	647853	52.041	ng	96

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

