

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052722\
 Data File : BG053734.D
 Acq On : 27 May 2022 15:32
 Operator : CG/JU
 Sample : N3056-10MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-02MS

Manual Integrations
 APPROVED

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

Quant Time: May 28 01:57:07 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	7.951	152	19627	20.000	ng	-0.04
21) Naphthalene-d8	10.765	136	80759	20.000	ng	-0.04
39) Acenaphthene-d10	14.595	164	62314	20.000	ng	-0.03
64) Phenanthrene-d10	17.344	188	144463	20.000	ng	-0.03
76) Chrysene-d12	21.603	240	139689	20.000	ng	-0.04
86) Perylene-d12	24.787	264	140887	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	80924	69.974	ng	-0.04
7) Phenol-d6	7.134	99	79902	45.525	ng	-0.03
23) Nitrobenzene-d5	9.120	82	176673	93.125	ng	-0.04
42) 2,4,6-Tribromophenol	16.093	330	134656	146.515	ng	-0.02
45) 2-Fluorobiphenyl	13.214	172	404663	94.895	ng	-0.03
79) Terphenyl-d14	19.952	244	675951	90.124	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.345	88	10039	16.545	ng	# 88
3) Pyridine	3.763	79	21998	14.845	ng	98
4) n-Nitrosodimethylamine	3.674	42	16779	23.244	ng	87
6) Aniline	7.275	93	54229	27.896	ng	97
8) 2-Chlorophenol	7.522	128	52738	43.622	ng	97
9) Benzaldehyde	7.087	77	73508	65.926	ng	# 1
10) Phenol	7.164	94	31462	18.328	ng	# 57
11) bis(2-Chloroethyl)ether	7.369	93	64741	50.570	ng	97
12) 1,3-Dichlorobenzene	7.839	146	65484	45.913	ng	90
13) 1,4-Dichlorobenzene	7.986	146	67340	46.788	ng	98
14) 1,2-Dichlorobenzene	8.309	146	65228	48.263	ng	97
15) Benzyl Alcohol	8.198	79	54805	37.349	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.480	45	100383	48.176	ng	96
17) 2-Methylphenol	8.415	107	43813	37.763	ng	97
18) Hexachloroethane	9.032	117	18807m	34.410	ng	
19) n-Nitroso-di-n-propyla...	8.762	70	64783	51.444	ng	94
20) 3+4-Methylphenols	8.744	107	55005	33.568	ng	92
22) Acetophenone	8.773	105	191145	86.481	ng	# 92
24) Nitrobenzene	9.161	77	107002	58.273	ng	# 95
25) Isophorone	9.684	82	175921	55.099	ng	98
26) 2-Nitrophenol	9.878	139	38060	51.177	ng	97
27) 2,4-Dimethylphenol	9.948	122	76295	68.168	ng	96
28) bis(2-Chloroethoxy)met...	10.166	93	88127	47.992	ng	97
29) 2,4-Dichlorophenol	10.430	162	67967	50.317	ng	96
30) 1,2,4-Trichlorobenzene	10.630	180	77871	50.739	ng	95
31) Naphthalene	10.818	128	1046758	254.809	ng	99
32) Benzoic acid	10.148	122	29687m	43.418	ng	
33) 4-Chloroaniline	10.923	127	38716	22.504	ng	96
34) Hexachlorobutadiene	11.100	225	58050	51.008	ng	98
35) Caprolactam	11.922	113	4932m	10.047	ng	
36) 4-Chloro-3-methylphenol	12.069	107	73198	45.302	ng	96
37) 2-Methylnaphthalene	12.421	142	288498	94.105	ng	99
38) 1-Methylnaphthalene	12.645	142	259474	86.749	ng	# 98
40) 1,2,4,5-Tetrachloroben...	12.797	216	104640	53.273	ng	99
41) Hexachlorocyclopentadiene	12.768	237	83601	101.787	ng	99
43) 2,4,6-Trichlorophenol	13.044	196	65415	51.020	ng	97

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44) 2,4,5-Trichlorophenol	13.126	196	72006	52.768	ng	# 94
46) 1,1'-Biphenyl	13.426	154	222526	52.389	ng	99
47) 2-Chloronaphthalene	13.473	162	173174	52.038	ng	98
48) 2-Nitroaniline	13.684	65	72775	58.688	ng	93
49) Acenaphthylene	14.319	152	282266	53.154	ng	99
50) Dimethylphthalate	14.055	163	230719	48.723	ng	96
51) 2,6-Dinitrotoluene	14.178	165	52804	54.735	ng	97
52) Acenaphthene	14.660	154	161216	50.942	ng	96
53) 3-Nitroaniline	14.513	138	20097	19.280	ng	99
54) 2,4-Dinitrophenol	14.730	184	50128	81.713	ng	96
55) Dibenzofuran	14.994	168	290245	51.059	ng	99
56) 4-Nitrophenol	14.853	139	31362	42.124	ng	# 86
57) 2,4-Dinitrotoluene	14.971	165	73095	52.271	ng	# 89
58) Fluorene	15.646	166	237954	52.164	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.235	232	69953	50.525	ng	98
60) Diethylphthalate	15.411	149	240451	49.158	ng	99
61) 4-Chlorophenyl-phenyle...	15.629	204	129306	50.798	ng	99
62) 4-Nitroaniline	15.676	138	43288	40.039	ng	97
63) Azobenzene	15.928	77	243639	48.642	ng	98
65) 4,6-Dinitro-2-methylph...	15.740	198	39432	45.808	ng	94
66) n-Nitrosodiphenylamine	15.852	169	210113	55.396	ng	99
67) 4-Bromophenyl-phenylether	16.528	248	92618	54.896	ng	98
68) Hexachlorobenzene	16.657	284	102232	55.328	ng	99
69) Atrazine	16.810	200	81968	51.334	ng	96
70) Pentachlorophenol	17.009	266	105125	104.154	ng	95
71) Phenanthrene	17.385	178	407543	55.481	ng	97
72) Anthracene	17.479	178	393582	54.512	ng	98
73) Carbazole	17.749	167	386194	54.577	ng	99
74) Di-n-butylphthalate	18.296	149	407363	51.187	ng	98
75) Fluoranthene	19.400	202	483099	50.792	ng	98
78) Pyrene	19.759	202	487179	53.875	ng	98
80) Butylbenzylphthalate	20.634	149	173934	52.454	ng	95
81) Benzo(a)anthracene	21.585	228	467768	52.501	ng	98
82) 3,3'-Dichlorobenzidine	21.497	252	44520	19.704	ng	98
83) Chrysene	21.650	228	431975	51.912	ng	99
84) Bis(2-ethylhexyl)phtha...	21.480	149	244776	53.482	ng	99
85) Di-n-octyl phthalate	22.666	149	414166	53.515	ng	99
87) Indeno(1,2,3-cd)pyrene	28.423	276	517184	52.707	ng	# 96
88) Benzo(b)fluoranthene	23.777	252	464378	55.685	ng	99
89) Benzo(k)fluoranthene	23.841	252	453755	55.371	ng	99
90) Benzo(a)pyrene	24.640	252	445281	62.733	ng	99
91) Dibenzo(a,h)anthracene	28.482	278	454806	56.250	ng	99
92) Benzo(g,h,i)perylene	29.569	276	448315	55.937	ng	95

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

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