

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
 Data File : BG053608.D
 Acq On : 18 May 2022 18:07
 Operator : CG/JU
 Sample : N2858-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-38MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/19/2022
 Supervised By : Jagrut Upadhyay 05/19/2022

Quant Time: May 19 05:12:16 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 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.082	152	26020	20.000	ng	0.00
21) Naphthalene-d8	10.890	136	106182	20.000	ng	0.00
39) Acenaphthene-d10	14.709	164	80573	20.000	ng	0.00
64) Phenanthrene-d10	17.452	188	202392	20.000	ng	0.00
76) Chrysene-d12	21.734	240	200665	20.000	ng	0.00
86) Perylene-d12	25.012	264	208085	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	222914	145.394	ng	0.00
7) Phenol-d6	7.248	99	312682	134.381	ng	0.00
23) Nitrobenzene-d5	9.245	82	238490	95.611	ng	0.00
42) 2,4,6-Tribromophenol	16.201	330	176708	148.699	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	512372	92.924	ng	0.00
79) Terphenyl-d14	20.054	244	1032531	95.834	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.535	88	33188	41.256	ng	# 35
3) Pyridine	3.947	79	83349	42.427	ng	96
4) n-Nitrosodimethylamine	3.841	42	53735	56.150	ng	# 98
6) Aniline	7.412	93	119712	46.452	ng	97
8) 2-Chlorophenol	7.647	128	91946	57.366	ng	97
9) Benzaldehyde	7.213	77	44835m	30.331	ng	
10) Phenol	7.277	94	118922	52.257	ng	94
11) bis(2-Chloroethyl)ether	7.495	93	100181	59.026	ng	95
12) 1,3-Dichlorobenzene	7.971	146	95882	50.709	ng	94
13) 1,4-Dichlorobenzene	8.117	146	96458	50.553	ng	99
14) 1,2-Dichlorobenzene	8.435	146	96444	53.827	ng	97
15) Benzyl Alcohol	8.317	79	111146m	57.135	ng	
16) 2,2'-oxybis(1-Chloropr...	8.605	45	144012	52.134	ng	95
17) 2-Methylphenol	8.529	107	87541	56.914	ng	95
18) Hexachloroethane	9.163	117	36340	50.153	ng	97
19) n-Nitroso-di-n-propyla...	8.881	70	88426	52.966	ng	98
20) 3+4-Methylphenols	8.858	107	117558	54.116	ng	94
22) Acetophenone	8.905	105	154453	53.149	ng	# 100
24) Nitrobenzene	9.286	77	134165	55.572	ng	100
25) Isophorone	9.809	82	232449	55.372	ng	97
26) 2-Nitrophenol	9.997	139	52740	53.937	ng	98
27) 2,4-Dimethylphenol	10.062	122	92226	62.673	ng	92
28) bis(2-Chloroethoxy)met...	10.285	93	124428	51.536	ng	# 98
29) 2,4-Dichlorophenol	10.549	162	101557	57.182	ng	95
30) 1,2,4-Trichlorobenzene	10.755	180	104743	51.907	ng	98
31) Naphthalene	10.943	128	280753	51.980	ng	97
32) Benzoic acid	10.338	122	124684m	120.071	ng	
33) 4-Chloroaniline	11.072	127	38309	16.936	ng	96
34) Hexachlorobutadiene	11.225	225	77569	51.840	ng	96
35) Caprolactam	11.854	113	32626m	50.551	ng	
36) 4-Chloro-3-methylphenol	12.183	107	120832	56.877	ng	96
37) 2-Methylnaphthalene	12.541	142	206288	51.178	ng	99
38) 1-Methylnaphthalene	12.758	142	200446	50.969	ng	98
40) 1,2,4,5-Tetrachloroben...	12.911	216	137076	53.972	ng	98
41) Hexachlorocyclopentadiene	12.887	237	108379	102.029	ng	98
43) 2,4,6-Trichlorophenol	13.152	196	96559	58.244	ng	99

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44) 2,4,5-Trichlorophenol	13.234	196	104746	59.366	ng	98
46) 1,1'-Biphenyl	13.540	154	291504	53.076	ng	99
47) 2-Chloronaphthalene	13.586	162	226943	52.741	ng	99
48) 2-Nitroaniline	13.792	65	94172	58.734	ng	98
49) Acenaphthylene	14.432	152	388367	56.560	ng	99
50) Dimethylphthalate	14.156	163	326353	53.301	ng	99
51) 2,6-Dinitrotoluene	14.280	165	72980	58.505	ng	96
52) Acenaphthene	14.773	154	219407	53.618	ng	97
53) 3-Nitroaniline	14.615	138	53596	39.765	ng	98
54) 2,4-Dinitrophenol	14.826	184	60840	77.083	ng	97
55) Dibenzofuran	15.102	168	375707	51.116	ng	97
56) 4-Nitrophenol	14.938	139	106236	110.355	ng	86
57) 2,4-Dinitrotoluene	15.073	165	103545	57.266	ng	93
58) Fluorene	15.754	166	315903	53.558	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.337	232	103046	57.561	ng	97
60) Diethylphthalate	15.513	149	336876	53.264	ng	98
61) 4-Chlorophenyl-phenylether	15.737	204	173440	52.696	ng	99
62) 4-Nitroaniline	15.778	138	75761	54.194	ng	95
63) Azobenzene	16.036	77	338828	52.317	ng	98
65) 4,6-Dinitro-2-methylph...	15.842	198	54919	45.538	ng	96
66) n-Nitrosodiphenylamine	15.954	169	284765	53.589	ng	98
67) 4-Bromophenyl-phenylether	16.635	248	125554	53.117	ng	95
68) Hexachlorobenzene	16.765	284	138223	53.395	ng	97
69) Atrazine	16.900	200	118742	53.080	ng	95
70) Pentachlorophenol	17.111	266	138429	98.175	ng	94
71) Phenanthrene	17.493	178	536751	52.156	ng	98
72) Anthracene	17.587	178	545251	53.903	ng	99
73) Carbazole	17.857	167	508023	51.245	ng	100
74) Di-n-butylphthalate	18.404	149	585221	52.488	ng	100
75) Fluoranthene	19.502	202	690776	51.840	ng	97
77) Benzidine	19.684	184	825900	190.956	ng	98
78) Pyrene	19.866	202	671856	51.721	ng	99
80) Butylbenzylphthalate	20.736	149	258304	54.227	ng	95
81) Benzo(a)anthracene	21.717	228	684402	53.474	ng	100
82) 3,3'-Dichlorobenzidine	21.623	252	150756	46.449	ng	97
83) Chrysene	21.781	228	624194	52.218	ng	99
84) Bis(2-ethylhexyl)phtha...	21.605	149	360406	54.818	ng	98
85) Di-n-octyl phthalate	22.827	149	614845	55.304	ng	100
87) Indeno(1,2,3-cd)pyrene	28.766	276	763942	52.712	ng	99
88) Benzo(b)fluoranthene	23.972	252	711790	57.790	ng	99
89) Benzo(k)fluoranthene	24.043	252	662816	54.763	ng	99
90) Benzo(a)pyrene	24.865	252	673559	64.249	ng	98
91) Dibenzo(a,h)anthracene	28.825	278	657840	55.087	ng	99
92) Benzo(g,h,i)perylene	29.947	276	654350	55.278	ng	98

05/19/2022
 Supervised By : Jagrut
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

