

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061022\
 Data File : BG053876.D
 Acq On : 10 Jun 2022 15:40
 Operator : CG/JU
 Sample : N3287-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MS

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 06/13/2022
 Supervised By : Jagrut Upadhyay 06/13/2022

Quant Time: Jun 10 17:35:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	19474	20.000	ng	0.00
21) Naphthalene-d8	10.902	136	79778	20.000	ng	0.00
39) Acenaphthene-d10	14.716	164	61531	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	159167	20.000	ng	0.00
76) Chrysene-d12	21.737	240	179054	20.000	ng	0.00
86) Perylene-d12	25.003	264	189976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	142418	134.297	ng	0.00
7) Phenol-d6	7.242	99	184845	128.676	ng	0.00
23) Nitrobenzene-d5	9.251	82	121340	99.879	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	134199	179.675	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	344369	83.727	ng	0.00
79) Terphenyl-d14	20.062	244	789660	87.736	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.546	88	17627	34.376	ng	94
3) Pyridine	3.946	79	45635	36.716	ng	97
4) n-Nitrosodimethylamine	3.852	42	26892	47.919	ng	95
6) Aniline	7.412	93	57926	33.132	ng	98
8) 2-Chlorophenol	7.653	128	57817	53.260	ng	93
9) Benzaldehyde	7.224	77	36559	38.167	ng	# 73
10) Phenol	7.271	94	72956	49.150	ng	95
11) bis(2-Chloroethyl)ether	7.500	93	51562	44.164	ng	98
12) 1,3-Dichlorobenzene	7.982	146	65243	47.229	ng	93
13) 1,4-Dichlorobenzene	8.123	146	66988	47.682	ng	96
14) 1,2-Dichlorobenzene	8.446	146	63642	47.286	ng	96
15) Benzyl Alcohol	8.323	79	54023	50.242	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.617	45	77647	37.906	ng	97
17) 2-Methylphenol	8.529	107	49250	48.539	ng	94
18) Hexachloroethane	9.181	117	22310	47.996	ng	# 75
19) n-Nitroso-di-n-propyla...	8.893	70	43864	43.113	ng	95
20) 3+4-Methylphenols	8.852	107	67331	48.842	ng	95
22) Acetophenone	8.911	105	88139	44.742	ng	# 95
24) Nitrobenzene	9.293	77	64048	47.469	ng	# 87
25) Isophorone	9.815	82	122024	44.813	ng	95
26) 2-Nitrophenol	10.009	139	31426	70.070	ng	# 81
27) 2,4-Dimethylphenol	10.062	122	56688	57.911	ng	91
28) bis(2-Chloroethoxy)met...	10.297	93	70458	47.618	ng	98
29) 2,4-Dichlorophenol	10.544	162	65499	55.711	ng	92
30) 1,2,4-Trichlorobenzene	10.761	180	72573	48.771	ng	96
31) Naphthalene	10.949	128	185677	45.475	ng	98
32) Benzoic acid	10.191	122	30244	48.624	ng	# 79
33) 4-Chloroaniline	11.049	127	35546	20.999	ng	# 91
34) Hexachlorobutadiene	11.243	225	54867	52.045	ng	99
35) Caprolactam	11.813	113	19717m	58.678	ng	
36) 4-Chloro-3-methylphenol	12.166	107	65091	52.019	ng	# 85
37) 2-Methylnaphthalene	12.547	142	130174	43.948	ng	96
38) 1-Methylnaphthalene	12.771	142	126415	43.643	ng	96
40) 1,2,4,5-Tetrachloroben...	12.918	216	99569	48.189	ng	97
41) Hexachlorocyclopentadiene	12.900	237	123944	118.010	ng	96
43) 2,4,6-Trichlorophenol	13.147	196	64276	57.360	ng	99

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44) 2,4,5-Trichlorophenol	13.223	196	69728	55.926	ng	# 93
46) 1,1'-Biphenyl	13.552	154	188810	43.055	ng	98
47) 2-Chloronaphthalene	13.593	162	151129	44.298	ng	97
48) 2-Nitroaniline	13.787	65	43976	50.388	ng	# 85
49) Acenaphthylene	14.439	152	247460	45.214	ng	99
50) Dimethylphthalate	14.163	163	202172	44.834	ng	99
51) 2,6-Dinitrotoluene	14.281	165	45437	55.537	ng	# 72
52) Acenaphthene	14.780	154	172033	49.474	ng	98
53) 3-Nitroaniline	14.604	138	25681	30.722	ng	85
54) 2,4-Dinitrophenol	14.815	184	52207	127.774	ng	# 74
55) Dibenzofuran	15.109	168	244402	44.090	ng	93
56) 4-Nitrophenol	14.909	139	71849	98.771	ng	# 86
57) 2,4-Dinitrotoluene	15.062	165	63970	57.201	ng	88
58) Fluorene	15.756	166	198446	43.237	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.332	232	69143	50.822	ng	# 92
60) Diethylphthalate	15.520	149	200871	43.984	ng	96
61) 4-Chlorophenyl-phenyle...	15.750	204	119796	48.415	ng	93
62) 4-Nitroaniline	15.767	138	44359	46.889	ng	# 74
63) Azobenzene	16.038	77	164580	38.514	ng	92
65) 4,6-Dinitro-2-methylph...	15.826	198	38313	61.131	ng	83
66) n-Nitrosodiphenylamine	15.961	169	183558	43.368	ng	96
67) 4-Bromophenyl-phenylether	16.643	248	89302	51.638	ng	91
68) Hexachlorobenzene	16.766	284	99479	51.606	ng	# 94
69) Atrazine	16.901	200	84993	51.288	ng	98
70) Pentachlorophenol	17.107	266	117260	94.697	ng	95
71) Phenanthrene	17.501	178	358611	42.805	ng	98
72) Anthracene	17.589	178	366523	44.701	ng	99
73) Carbazole	17.853	167	324188	43.802	ng	98
74) Di-n-butylphthalate	18.411	149	367583	43.190	ng	# 98
75) Fluoranthene	19.504	202	473116	43.539	ng	97
77) Benzidine	19.680	184	237181	54.171	ng	96
78) Pyrene	19.868	202	473364	41.571	ng	99
80) Butylbenzylphthalate	20.750	149	166157	44.742	ng	90
81) Benzo(a)anthracene	21.713	228	511928	43.066	ng	98
82) 3,3'-Dichlorobenzidine	21.625	252	120572	35.987	ng	98
83) Chrysene	21.784	228	472845	42.141	ng	96
84) Bis(2-ethylhexyl)phtha...	21.625	149	239577	44.862	ng	# 94
85) Di-n-octyl phthalate	22.853	149	416458	46.894	ng	# 95
87) Indeno(1,2,3-cd)pyrene	28.740	276	615658	43.967	ng	# 98
88) Benzo(b)fluoranthene	23.969	252	530169	44.951	ng	99
89) Benzo(k)fluoranthene	24.034	252	513946	44.085	ng	100
90) Benzo(a)pyrene	24.851	252	511619	51.292	ng	99
91) Dibenzo(a,h)anthracene	28.817	278	534883	46.225	ng	99
92) Benzo(g,h,i)perylene	29.915	276	529535	46.427	ng	97

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

