

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082622\
 Data File : BG054754.D
 Acq On : 26 Aug 2022 13:46
 Operator : CG/JU
 Sample : N4229-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

MW-106DMS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 08/29/2022
 Supervised By : Jagrut Upadhyay 08/29/2022

Quant Time: Aug 27 02:10:53 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 25 17:50:55 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.153	152	45988	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	198265	20.000	ng	0.00
39) Acenaphthene-d10	14.786	164	135681	20.000	ng	0.00
64) Phenanthrene-d10	17.530	188	308822	20.000	ng	0.00
76) Chrysene-d12	21.825	240	283925	20.000	ng	0.00
86) Perylene-d12	25.186	264	306727	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	188583	71.408	ng	0.00
7) Phenol-d6	7.289	99	160635	44.477	ng	0.00
23) Nitrobenzene-d5	9.322	82	329359	87.207	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	228206	134.601	ng	0.00
45) 2-Fluorobiphenyl	13.412	172	763326	84.558	ng	0.00
79) Terphenyl-d14	20.127	244	1176612	82.111	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.529	88	24529	19.451	ng	98
3) Pyridine	3.940	79	59501	16.916	ng	95
4) n-Nitrosodimethylamine	3.852	42	32002	21.047	ng	# 99
6) Aniline	7.466	93	124730	29.067	ng	97
8) 2-Chlorophenol	7.707	128	123634	42.849	ng	100
9) Benzaldehyde	7.278	77	98630	41.666	ng	100
10) Phenol	7.319	94	60875	16.390	ng	98
11) bis(2-Chloroethyl)ether	7.560	93	147806	49.480	ng	99
12) 1,3-Dichlorobenzene	8.036	146	136461	40.868	ng	98
13) 1,4-Dichlorobenzene	8.188	146	138225	41.040	ng	97
14) 1,2-Dichlorobenzene	8.506	146	138287	43.301	ng	99
15) Benzyl Alcohol	8.382	79	91277m	34.983	ng	
16) 2,2'-oxybis(1-Chloropr...	8.676	45	227137	48.594	ng	99
17) 2-Methylphenol	8.582	107	92442	36.149	ng	98
18) Hexachloroethane	9.240	117	47998	39.300	ng	99
19) n-Nitroso-di-n-propyla...	8.952	70	124919	50.297	ng	98
20) 3+4-Methylphenols	8.911	107	112201	31.640	ng	97
22) Acetophenone	8.976	105	232376	46.848	ng	# 99
24) Nitrobenzene	9.363	77	168951	44.383	ng	96
25) Isophorone	9.886	82	344241	48.884	ng	99
26) 2-Nitrophenol	10.080	139	78627	46.760	ng	98
27) 2,4-Dimethylphenol	10.127	122	128833	48.357	ng	96
28) bis(2-Chloroethoxy)met...	10.368	93	211933	52.815	ng	99
29) 2,4-Dichlorophenol	10.615	162	137511	45.378	ng	99
30) 1,2,4-Trichlorobenzene	10.832	180	137370	39.668	ng	100
31) Naphthalene	11.026	128	451542	42.449	ng	100
32) Benzoic acid	10.215	122	20969	17.036	ng	96
33) 4-Chloroaniline	11.132	127	133003	30.669	ng	98
34) Hexachlorobutadiene	11.302	225	82548	37.204	ng	98
35) Caprolactam	11.896	113	9138m	8.547	ng	
36) 4-Chloro-3-methylphenol	12.231	107	143882	43.419	ng	98
37) 2-Methylnaphthalene	12.624	142	332446	44.590	ng	100
38) 1-Methylnaphthalene	12.842	142	321136	44.272	ng	99
40) 1,2,4,5-Tetrachloroben...	12.983	216	171548	41.943	ng	99
41) Hexachlorocyclopentadiene	12.959	237	168113	77.505	ng	98
43) 2,4,6-Trichlorophenol	13.218	196	122248	45.031	ng	99

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44) 2,4,5-Trichlorophenol	13.288	196	131993	43.294	ng	98
46) 1,1'-Biphenyl	13.623	154	458928	45.548	ng	99
47) 2-Chloronaphthalene	13.670	162	336719	44.004	ng	98
48) 2-Nitroaniline	13.864	65	114671	47.817	ng	97
49) Acenaphthylene	14.510	152	559247	44.289	ng	100
50) Dimethylphthalate	14.234	163	481232	46.038	ng	99
51) 2,6-Dinitrotoluene	14.352	165	102009	47.711	ng	96
52) Acenaphthene	14.851	154	399554m	49.260	ng	
53) 3-Nitroaniline	14.687	138	75792	31.667	ng	95
54) 2,4-Dinitrophenol	14.886	184	105090	86.500	ng	93
55) Dibenzofuran	15.180	168	537796	45.122	ng	100
56) 4-Nitrophenol	14.974	139	68010	36.719	ng	94
57) 2,4-Dinitrotoluene	15.139	165	146638	49.585	ng	86
58) Fluorene	15.826	166	457073	45.522	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.398	232	120074	43.690	ng	98
60) Diethylphthalate	15.586	149	480715	46.054	ng	98
61) 4-Chlorophenyl-phenyle...	15.815	204	231212	46.679	ng	100
62) 4-Nitroaniline	15.844	138	105275	43.081	ng	99
63) Azobenzene	16.108	77	445800	44.940	ng	98
65) 4,6-Dinitro-2-methylph...	15.897	198	73171	46.547	ng	98
66) n-Nitrosodiphenylamine	16.032	169	394058	44.247	ng	99
67) 4-Bromophenyl-phenylether	16.714	248	158328	46.696	ng	99
68) Hexachlorobenzene	16.825	284	176665	46.349	ng	99
69) Atrazine	16.972	200	157798	50.224	ng	100
70) Pentachlorophenol	17.172	266	191110	92.280	ng	99
71) Phenanthrene	17.571	178	736141	44.747	ng	99
72) Anthracene	17.665	178	737832	46.131	ng	100
73) Carbazole	17.930	167	698761	47.418	ng	99
74) Di-n-butylphthalate	18.476	149	846686	45.405	ng	99
75) Fluoranthene	19.575	202	900539	44.998	ng	99
77) Benzidine	19.751	184	253767	36.085	ng	99
78) Pyrene	19.939	202	915049	46.220	ng	99
80) Butylbenzylphthalate	20.815	149	376051	45.538	ng	96
81) Benzo(a)anthracene	21.802	228	869770	45.181	ng	99
82) 3,3'-Dichlorobenzidine	21.714	252	293405	43.471	ng	99
83) Chrysene	21.872	228	821233	44.616	ng	99
84) Bis(2-ethylhexyl)phtha...	21.690	149	558678	46.957	ng	99
85) Di-n-octyl phthalate	22.953	149	939960	46.586	ng	96
87) Indeno(1,2,3-cd)pyrene	29.058	276	1043435	44.810	ng	100
88) Benzo(b)fluoranthene	24.111	252	930637	48.367	ng	99
89) Benzo(k)fluoranthene	24.187	252	924326	47.733	ng	99
90) Benzo(a)pyrene	25.033	252	802077	48.791	ng	99
91) Dibenzo(a,h)anthracene	29.140	278	905131	47.712	ng	100
92) Benzo(g,h,i)perylene	30.280	276	904842	47.213	ng	98

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

