

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012323\
 Data File : BG056384.D
 Acq On : 23 Jan 2023 15:01
 Operator : CG/JU
 Sample : 01237-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1-2-3AMS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/24/2023
 Supervised By : Jagrut Upadhyay 01/24/2023

Quant Time: Jan 24 01:20:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:31:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	37479	20.000	ng	0.00
21) Naphthalene-d8	11.131	136	149546	20.000	ng	# 0.00
39) Acenaphthene-d10	14.915	164	122467	20.000	ng	0.00
64) Phenanthrene-d10	17.653	188	326841	20.000	ng	0.00
76) Chrysene-d12	21.948	240	299268	20.000	ng	0.00
86) Perylene-d12	25.379	264	323707	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.820	112	290238	138.269	ng	0.00
7) Phenol-d6	7.447	99	366473	113.685	ng	0.00
23) Nitrobenzene-d5	9.474	82	251221	85.929	ng	-0.01
42) 2,4,6-Tribromophenol	16.402	330	235992	152.152	ng	0.00
45) 2-Fluorobiphenyl	13.540	172	798350	90.019	ng	0.00
79) Terphenyl-d14	20.226	244	1630661	97.591	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.628	88	33631	35.077	ng	# 59
3) Pyridine	4.057	79	95036	32.545	ng	# 90
4) n-Nitrosodimethylamine	3.957	42	25106	42.264	ng	# 94
6) Aniline	7.612	93	146515	34.659	ng	98
8) 2-Chlorophenol	7.859	128	112983	54.090	ng	97
9) Benzaldehyde	7.424	77	49138	25.636	ng	95
10) Phenol	7.471	94	131568	40.245	ng	98
11) bis(2-Chloroethyl)ether	7.700	93	102095	46.084	ng	97
12) 1,3-Dichlorobenzene	8.188	146	124151	48.836	ng	97
13) 1,4-Dichlorobenzene	8.335	146	127594	49.981	ng	96
14) 1,2-Dichlorobenzene	8.658	146	123997	50.339	ng	99
15) Benzyl Alcohol	8.534	79	107931	46.004	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.822	45	22620	57.778	ng	# 76
17) 2-Methylphenol	8.740	107	109942	45.831	ng	96
18) Hexachloroethane	9.392	117	38383	49.493	ng	91
19) n-Nitroso-di-n-propyla...	9.104	70	82882	42.282	ng	98
20) 3+4-Methylphenols	9.069	107	147548	43.749	ng	97
22) Acetophenone	9.128	105	190375	45.023	ng	# 98
24) Nitrobenzene	9.521	77	124501	42.972	ng	96
25) Isophorone	10.038	82	258461	42.017	ng	96
26) 2-Nitrophenol	10.232	139	69828	47.105	ng	97
27) 2,4-Dimethylphenol	10.279	122	129743	47.986	ng	97
28) bis(2-Chloroethoxy)met...	10.514	93	144848	45.306	ng	99
29) 2,4-Dichlorophenol	10.773	162	148356	49.631	ng	99
30) 1,2,4-Trichlorobenzene	10.990	180	151497	44.661	ng	98
31) Naphthalene	11.184	128	363056	46.129	ng	99
33) 4-Chloroaniline	11.284	127	62971	16.758	ng	95
34) Hexachlorobutadiene	11.454	225	104688	42.910	ng	97
35) Caprolactam	12.054	113	33349m	32.952	ng	
36) 4-Chloro-3-methylphenol	12.389	107	139320	45.932	ng	96
37) 2-Methylnaphthalene	12.765	142	286213	43.069	ng	99
38) 1-Methylnaphthalene	12.982	142	266941	43.257	ng	95
40) 1,2,4,5-Tetrachloroben...	13.129	216	208826	45.496	ng	98
41) Hexachlorocyclopentadiene	13.100	237	223012	85.220	ng	96
43) 2,4,6-Trichlorophenol	13.358	196	142247	46.867	ng	97
44) 2,4,5-Trichlorophenol	13.434	196	156667	43.636	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.752	154	419743	47.857	ng	99
47) 2-Chloronaphthalene	13.805	162	331612	47.901	ng	97
48) 2-Nitroaniline	13.998	65	71988	48.805	ng	97
49) Acenaphthylene	14.645	152	524059	46.518	ng	99
50) Dimethylphthalate	14.357	163	461034	46.634	ng	97
51) 2,6-Dinitrotoluene	14.480	165	99446	47.207	ng	95
52) Acenaphthene	14.980	154	332156m	45.333	ng	
53) 3-Nitroaniline	14.815	138	68694	34.264	ng	91
54) 2,4-Dinitrophenol	15.021	184	45954	30.536	ng	91
55) Dibenzofuran	15.309	168	555331	45.800	ng	97
56) 4-Nitrophenol	15.121	139	126941	82.327	ng	87
57) 2,4-Dinitrotoluene	15.268	165	145532	49.398	ng	92
58) Fluorene	15.955	166	447397	45.876	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.532	232	154045	45.695	ng	96
60) Diethylphthalate	15.702	149	427761	46.138	ng	99
61) 4-Chlorophenyl-phenyle...	15.937	204	269758	44.324	ng	96
62) 4-Nitroaniline	15.973	138	98735	48.078	ng	94
63) Azobenzene	16.231	77	319424	44.646	ng	97
65) 4,6-Dinitro-2-methylph...	16.031	198	56303	25.568	ng	88
66) n-Nitrosodiphenylamine	16.149	169	419477	46.257	ng	96
67) 4-Bromophenyl-phenylether	16.830	248	187509	45.053	ng	97
68) Hexachlorobenzene	16.960	284	191405	49.292	ng	98
69) Atrazine	17.089	200	183568	48.844	ng	97
70) Pentachlorophenol	17.301	266	218609	73.289	ng	98
71) Phenanthrene	17.694	178	782193	46.180	ng	99
72) Anthracene	17.788	178	798144	45.680	ng	99
73) Carbazole	18.053	167	711973	48.477	ng	98
74) Di-n-butylphthalate	18.575	149	733112	50.074	ng	99
75) Fluoranthene	19.686	202	965688	43.708	ng	99
77) Benzidine	19.850	184	343276	32.731	ng	99
78) Pyrene	20.044	202	977124	46.323	ng	99
80) Butylbenzylphthalate	20.902	149	285908	47.245	ng	98
81) Benzo(a)anthracene	21.924	228	942464	44.837	ng	99
82) 3,3'-Dichlorobenzidine	21.825	252	213715	28.244	ng	98
83) Chrysene	21.995	228	880108	44.700	ng	99
84) Bis(2-ethylhexyl)phtha...	21.783	149	399098	45.775	ng	99
85) Di-n-octyl phthalate	23.058	149	682185	46.349	ng	100
87) Indeno(1,2,3-cd)pyrene	29.351	276	1092128	46.391	ng	# 96
88) Benzo(b)fluoranthene	24.286	252	954037	46.386	ng	99
89) Benzo(k)fluoranthene	24.357	252	956999	46.727	ng	99
90) Benzo(a)pyrene	25.221	252	849741	42.359	ng	99
91) Dibenzo(a,h)anthracene	29.404	278	931644	47.201	ng	99
92) Benzo(g,h,i)perylene	30.591	276	875269	45.729	ng	100

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

