

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012323\
 Data File : BG056382.D
 Acq On : 23 Jan 2023 13:13
 Operator : CG/JU
 Sample : PB150301BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150301BS

Manual Integrations
 APPROVED

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

Quant Time: Jan 24 01:19:44 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	8.302	152	31870	20.000	ng	0.00
21) Naphthalene-d8	11.134	136	136455	20.000	ng	0.00
39) Acenaphthene-d10	14.918	164	119930	20.000	ng	0.00
64) Phenanthrene-d10	17.656	188	328783	20.000	ng	0.00
76) Chrysene-d12	21.951	240	289159	20.000	ng	# 0.00
86) Perylene-d12	25.382	264	304328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.817	112	288281	161.508	ng	0.00
7) Phenol-d6	7.444	99	420827	153.522	ng	0.00
23) Nitrobenzene-d5	9.477	82	219747	82.374	ng	0.00
42) 2,4,6-Tribromophenol	16.398	330	225891	148.721	ng	0.00
45) 2-Fluorobiphenyl	13.543	172	722489	83.189	ng	0.00
79) Terphenyl-d14	20.229	244	1507755	93.390	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.619	88	25240	30.958	ng	# 87
3) Pyridine	4.042	79	74366	29.948	ng	# 92
4) n-Nitrosodimethylamine	3.948	42	21039	41.651	ng	92
6) Aniline	7.609	93	118820	33.054	ng	98
8) 2-Chlorophenol	7.855	128	100723	56.707	ng	94
9) Benzaldehyde	7.421	77	26102m	16.015	ng	
10) Phenol	7.468	94	147244	52.967	ng	97
11) bis(2-Chloroethyl)ether	7.703	93	86426	45.877	ng	96
12) 1,3-Dichlorobenzene	8.184	146	106277	49.163	ng	93
13) 1,4-Dichlorobenzene	8.337	146	107070	49.323	ng	98
14) 1,2-Dichlorobenzene	8.660	146	106383	50.790	ng	99
15) Benzyl Alcohol	8.531	79	97713	48.979	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.813	45	19789	59.443	ng	# 70
17) 2-Methylphenol	8.737	107	100050	49.048	ng	97
18) Hexachloroethane	9.395	117	32627	49.475	ng	92
19) n-Nitroso-di-n-propyla...	9.101	70	71205	42.718	ng	98
20) 3+4-Methylphenols	9.066	107	141927	49.489	ng	98
22) Acetophenone	9.125	105	162245	42.051	ng	98
24) Nitrobenzene	9.518	77	107955	40.835	ng	94
25) Isophorone	10.041	82	218454	38.921	ng	97
26) 2-Nitrophenol	10.235	139	61494	45.462	ng	96
27) 2,4-Dimethylphenol	10.282	122	114067	46.236	ng	99
28) bis(2-Chloroethoxy)met...	10.511	93	120294	41.236	ng	99
29) 2,4-Dichlorophenol	10.776	162	129603	47.517	ng	99
30) 1,2,4-Trichlorobenzene	10.987	180	131675	42.542	ng	98
31) Naphthalene	11.187	128	320160	44.582	ng	99
32) Benzoic acid	10.429	122	65745m	35.916	ng	
33) 4-Chloroaniline	11.287	127	104569	30.498	ng	96
34) Hexachlorobutadiene	11.457	225	88662	39.828	ng	96
35) Caprolactam	12.056	113	43971m	47.616	ng	
36) 4-Chloro-3-methylphenol	12.385	107	131148	47.386	ng	97
37) 2-Methylnaphthalene	12.767	142	257970	42.543	ng	96
38) 1-Methylnaphthalene	12.985	142	241441	42.878	ng	99
40) 1,2,4,5-Tetrachloroben...	13.126	216	186579	41.509	ng	99
41) Hexachlorocyclopentadiene	13.102	237	214254	83.605	ng	94
43) 2,4,6-Trichlorophenol	13.361	196	131091	44.105	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.437	196	145585	41.407	ng	99
46) 1,1'-Biphenyl	13.754	154	379180	44.147	ng	98
47) 2-Chloronaphthalene	13.807	162	301696	44.502	ng	98
48) 2-Nitroaniline	14.001	65	69216	47.919	ng	95
49) Acenaphthylene	14.647	152	493137	44.699	ng	99
50) Dimethylphthalate	14.360	163	431014	44.519	ng	99
51) 2,6-Dinitrotoluene	14.483	165	94368	45.744	ng	95
52) Acenaphthene	14.982	154	369869m	51.547	ng	
53) 3-Nitroaniline	14.818	138	66312	33.775	ng	96
54) 2,4-Dinitrophenol	15.029	184	140390	95.260	ng	96
55) Dibenzofuran	15.311	168	526584	44.348	ng	97
56) 4-Nitrophenol	15.123	139	152136	100.754	ng	88
57) 2,4-Dinitrotoluene	15.270	165	141041	48.887	ng	92
58) Fluorene	15.958	166	430552	45.083	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.535	232	142671m	43.217	ng	
60) Diethylphthalate	15.705	149	414763	45.682	ng	100
61) 4-Chlorophenyl-phenyle...	15.940	204	258312	43.341	ng	97
62) 4-Nitroaniline	15.975	138	94612	47.045	ng	93
63) Azobenzene	16.234	77	304475	43.457	ng	97
65) 4,6-Dinitro-2-methylph...	16.034	198	96940	43.762	ng	89
66) n-Nitrosodiphenylamine	16.152	169	403172	44.197	ng	95
67) 4-Bromophenyl-phenylether	16.833	248	178945	42.741	ng	97
68) Hexachlorobenzene	16.962	284	188559	48.273	ng	99
69) Atrazine	17.086	200	170596	45.124	ng	98
70) Pentachlorophenol	17.303	266	225007	74.988	ng	97
71) Phenanthrene	17.697	178	756731	44.413	ng	99
72) Anthracene	17.791	178	767308	43.655	ng	99
73) Carbazole	18.055	167	677010	45.824	ng	98
74) Di-n-butylphthalate	18.578	149	678988	46.103	ng	99
75) Fluoranthene	19.689	202	906699	40.796	ng	98
77) Benzidine	19.853	184	331160	32.680	ng	98
78) Pyrene	20.053	202	919694	45.125	ng	99
80) Butylbenzylphthalate	20.905	149	270341	46.234	ng	98
81) Benzo(a)anthracene	21.927	228	893138	43.976	ng	99
82) 3,3'-Dichlorobenzidine	21.827	252	204197	27.930	ng	97
83) Chrysene	21.998	228	840904	44.202	ng	99
84) Bis(2-ethylhexyl)phtha...	21.786	149	372875	44.263	ng	100
85) Di-n-octyl phthalate	23.061	149	643721	45.265	ng	99
87) Indeno(1,2,3-cd)pyrene	29.354	276	1050245	47.452	ng	# 96
88) Benzo(b)fluoranthene	24.289	252	931525	48.176	ng	98
89) Benzo(k)fluoranthene	24.360	252	901420	46.816	ng	99
90) Benzo(a)pyrene	25.223	252	814731	43.200	ng	# 98
91) Dibenzo(a,h)anthracene	29.418	278	889227	47.921	ng	99
92) Benzo(g,h,i)perylene	30.605	276	852079	47.352	ng	99

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

