

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011123\
 Data File : BG056254.D
 Acq On : 11 Jan 2023 17:21
 Operator : CG/JU
 Sample : 01064-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S4-03MSD

Quant Time: Jan 12 04:21:46 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 12 03:38:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/12/2023
 Supervised By : Jagrut Upadhyay 01/12/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.313	152	42689	20.000	ng	0.00
21) Naphthalene-d8	11.145	136	157239	20.000	ng	0.00
39) Acenaphthene-d10	14.929	164	130177	20.000	ng	0.00
64) Phenanthrene-d10	17.667	188	343795	20.000	ng	0.00
76) Chrysene-d12	21.962	240	326436	20.000	ng	# 0.00
86) Perylene-d12	25.399	264	361989	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.834	112	349198	146.054	ng	0.00
7) Phenol-d6	7.450	99	494970	134.807	ng	0.00
23) Nitrobenzene-d5	9.489	82	256308	83.380	ng	0.00
42) 2,4,6-Tribromophenol	16.410	330	232160	140.816	ng	0.00
45) 2-Fluorobiphenyl	13.554	172	769721	81.651	ng	0.00
79) Terphenyl-d14	20.241	244	1612718	88.485	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.642	88	47050	43.084	ng	# 91
3) Pyridine	4.060	79	127113	38.217	ng	# 94
4) n-Nitrosodimethylamine	3.971	42	29869	44.146	ng	85
6) Aniline	7.626	93	90702	18.837	ng	94
8) 2-Chlorophenol	7.873	128	129649	54.493	ng	95
9) Benzaldehyde	7.438	77	65561	30.030	ng	97
10) Phenol	7.479	94	191941	51.547	ng	97
11) bis(2-Chloroethyl)ether	7.720	93	115289	45.688	ng	98
12) 1,3-Dichlorobenzene	8.208	146	146072	50.446	ng	97
13) 1,4-Dichlorobenzene	8.355	146	146512	50.387	ng	100
14) 1,2-Dichlorobenzene	8.672	146	142465	50.778	ng	97
15) Benzyl Alcohol	8.548	79	122493	45.839	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.830	45	22448m	50.341	ng	
17) 2-Methylphenol	8.748	107	131298	48.054	ng	97
18) Hexachloroethane	9.418	117	44965	50.904	ng	97
19) n-Nitroso-di-n-propyla...	9.118	70	90407	40.492	ng	98
20) 3+4-Methylphenols	9.077	107	178859	46.561	ng	95
22) Acetophenone	9.142	105	206071	46.350	ng	100
24) Nitrobenzene	9.530	77	140243	46.037	ng	98
25) Isophorone	10.053	82	270224	41.780	ng	96
26) 2-Nitrophenol	10.246	139	76950	49.369	ng	98
27) 2,4-Dimethylphenol	10.293	122	140867	49.551	ng	98
28) bis(2-Chloroethoxy)met...	10.528	93	159685	47.503	ng	98
29) 2,4-Dichlorophenol	10.781	162	164282	52.270	ng	97
30) 1,2,4-Trichlorobenzene	11.004	180	176282	49.425	ng	97
31) Naphthalene	11.198	128	392964	47.487	ng	99
32) Benzoic acid	10.417	122	93743	44.442	ng	97
33) 4-Chloroaniline	11.298	127	46504	11.770	ng	98
34) Hexachlorobutadiene	11.474	225	123388	48.101	ng	94
35) Caprolactam	12.062	113	50002m	46.990	ng	
36) 4-Chloro-3-methylphenol	12.391	107	154744	48.521	ng	97
37) 2-Methylnaphthalene	12.779	142	308622	44.169	ng	100
38) 1-Methylnaphthalene	12.996	142	286466	44.149	ng	97
40) 1,2,4,5-Tetrachloroben...	13.143	216	232501	47.653	ng	99
41) Hexachlorocyclopentadiene	13.120	237	296379	106.548	ng	96
43) 2,4,6-Trichlorophenol	13.372	196	163092	50.552	ng	96

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44) 2,4,5-Trichlorophenol	13.443	196	182909	47.927	ng	98
46) 1,1'-Biphenyl	13.766	154	454954	48.800	ng	98
47) 2-Chloronaphthalene	13.819	162	360777	49.027	ng	97
48) 2-Nitroaniline	14.007	65	76054	48.508	ng	99
49) Acenaphthylene	14.659	152	559266	46.703	ng	99
50) Dimethylphthalate	14.371	163	482711	45.935	ng	99
51) 2,6-Dinitrotoluene	14.494	165	106403	47.518	ng	94
52) Acenaphthene	14.994	154	412975m	53.024	ng	
53) 3-Nitroaniline	14.823	138	37569	17.629	ng	93
54) 2,4-Dinitrophenol	15.029	184	151671	94.814	ng	96
55) Dibenzofuran	15.323	168	602185	46.723	ng	98
56) 4-Nitrophenol	15.117	139	164095	100.120	ng	91
57) 2,4-Dinitrotoluene	15.276	165	152078	48.563	ng	90
58) Fluorene	15.969	166	485500	46.834	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.546	232	176957	49.383	ng	96
60) Diethylphthalate	15.717	149	450225	45.684	ng	99
61) 4-Chlorophenyl-phenylether	15.952	204	298380	46.123	ng	99
62) 4-Nitroaniline	15.981	138	96542	44.226	ng	96
63) Azobenzene	16.245	77	358269	47.109	ng	98
65) 4,6-Dinitro-2-methylph...	16.040	198	109762	47.387	ng	94
66) n-Nitrosodiphenylamine	16.163	169	448669	47.037	ng	98
67) 4-Bromophenyl-phenylether	16.845	248	205294	46.893	ng	99
68) Hexachlorobenzene	16.968	284	205066	50.206	ng	96
69) Atrazine	17.097	200	196847	49.794	ng	96
70) Pentachlorophenol	17.309	266	269548	85.910	ng	98
71) Phenanthrene	17.708	178	849747	47.694	ng	98
72) Anthracene	17.796	178	871542	47.421	ng	100
73) Carbazole	18.061	167	745468	48.254	ng	99
74) Di-n-butylphthalate	18.590	149	757104	49.162	ng	100
75) Fluoranthene	19.694	202	1083521	46.623	ng	99
77) Benzidine	19.865	184	221757	19.385	ng	99
78) Pyrene	20.058	202	1095065	47.594	ng	99
80) Butylbenzylphthalate	20.916	149	323616	49.025	ng	99
81) Benzo(a)anthracene	21.939	228	1103080	48.111	ng	99
82) 3,3'-Dichlorobenzidine	21.839	252	172402	20.888	ng	100
83) Chrysene	22.009	228	1026435	47.793	ng	99
84) Bis(2-ethylhexyl)phtha...	21.804	149	469159	49.333	ng	99
85) Di-n-octyl phthalate	23.090	149	803119	50.024	ng	100
87) Indeno(1,2,3-cd)pyrene	29.359	276	1327308	50.418	ng	# 99
88) Benzo(b)fluoranthene	24.301	252	1167009	50.741	ng	100
89) Benzo(k)fluoranthene	24.377	252	1137662	49.673	ng	99
90) Benzo(a)pyrene	25.241	252	1026952	45.779	ng	99
91) Dibenzo(a,h)anthracene	29.436	278	1109497	50.268	ng	99
92) Benzo(g,h,i)perylene	30.605	276	1074366	50.195	ng	97

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

