

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011323\
 Data File : BG056279.D
 Acq On : 13 Jan 2023 15:53
 Operator : CG/JU
 Sample : 01129-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-207MS

Quant Time: Jan 16 00:22:15 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 01/16/2023
 Supervised By : Jagrut Upadhyay 01/16/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.318	152	39634	20.000	ng	0.00
21) Naphthalene-d8	11.150	136	149153	20.000	ng	# 0.00
39) Acenaphthene-d10	14.934	164	123664	20.000	ng	0.00
64) Phenanthrene-d10	17.666	188	305373	20.000	ng	0.00
76) Chrysene-d12	21.961	240	302570	20.000	ng	# 0.00
86) Perylene-d12	25.410	264	343330	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.839	112	298759	134.590	ng	0.01
7) Phenol-d6	7.455	99	431374	126.542	ng	0.00
23) Nitrobenzene-d5	9.493	82	225803	77.438	ng	0.00
42) 2,4,6-Tribromophenol	16.415	330	194264	124.036	ng	0.00
45) 2-Fluorobiphenyl	13.559	172	731121	81.641	ng	0.00
79) Terphenyl-d14	20.240	244	1415200	83.772	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.647	88	43544	42.947	ng	# 91
3) Pyridine	4.064	79	113045	36.607	ng	# 95
4) n-Nitrosodimethylamine	3.976	42	26850	42.743	ng	92
6) Aniline	7.631	93	123796	27.692	ng	96
8) 2-Chlorophenol	7.878	128	117125	53.024	ng	94
9) Benzaldehyde	7.443	77	59626	29.417	ng	97
10) Phenol	7.484	94	173142	50.082	ng	95
11) bis(2-Chloroethyl)ether	7.719	93	105495	45.029	ng	94
12) 1,3-Dichlorobenzene	8.207	146	134559	50.052	ng	94
13) 1,4-Dichlorobenzene	8.354	146	134050	49.655	ng	98
14) 1,2-Dichlorobenzene	8.677	146	130171	49.972	ng	97
15) Benzyl Alcohol	8.547	79	114254	46.051	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.835	45	22719	54.876	ng	# 79
17) 2-Methylphenol	8.753	107	118531	46.725	ng	97
18) Hexachloroethane	9.417	117	41101	50.116	ng	95
19) n-Nitroso-di-n-propyla...	9.123	70	83928	40.488	ng	97
20) 3+4-Methylphenols	9.076	107	164357	46.083	ng	96
22) Acetophenone	9.147	105	189248	44.874	ng	# 98
24) Nitrobenzene	9.535	77	130016	44.993	ng	99
25) Isophorone	10.057	82	257850	42.029	ng	96
26) 2-Nitrophenol	10.251	139	73580	49.767	ng	100
27) 2,4-Dimethylphenol	10.292	122	132604	49.173	ng	98
28) bis(2-Chloroethoxy)met...	10.533	93	147410	46.229	ng	98
29) 2,4-Dichlorophenol	10.786	162	150679	50.541	ng	96
30) 1,2,4-Trichlorobenzene	11.009	180	162317	47.977	ng	99
31) Naphthalene	11.203	128	368470	46.941	ng	99
32) Benzoic acid	10.422	122	97378	48.669	ng	92
33) 4-Chloroaniline	11.297	127	70940	18.929	ng	94
34) Hexachlorobutadiene	11.479	225	115298	47.384	ng	98
35) Caprolactam	12.067	113	47448m	47.007	ng	
36) 4-Chloro-3-methylphenol	12.396	107	148822	49.194	ng	95
37) 2-Methylnaphthalene	12.784	142	291547	43.987	ng	99
38) 1-Methylnaphthalene	13.001	142	271611	44.129	ng	97
40) 1,2,4,5-Tetrachloroben...	13.142	216	222745	48.058	ng	99
41) Hexachlorocyclopentadiene	13.119	237	306492	115.987	ng	96
43) 2,4,6-Trichlorophenol	13.371	196	154665	50.465	ng	98

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44) 2,4,5-Trichlorophenol	13.448	196	172425	47.560	ng	99
46) 1,1'-Biphenyl	13.771	154	424733	47.958	ng	97
47) 2-Chloronaphthalene	13.818	162	344704	49.310	ng	98
48) 2-Nitroaniline	14.012	65	73320	49.227	ng	97
49) Acenaphthylene	14.658	152	529675	46.561	ng	98
50) Dimethylphthalate	14.370	163	449620	45.039	ng	100
51) 2,6-Dinitrotoluene	14.493	165	98057	46.097	ng	98
52) Acenaphthene	14.999	154	403706m	54.564	ng	
53) 3-Nitroaniline	14.822	138	52052	25.712	ng	94
54) 2,4-Dinitrophenol	15.034	184	158547	104.332	ng	# 95
55) Dibenzofuran	15.328	168	565185	46.162	ng	98
56) 4-Nitrophenol	15.122	139	155818	100.077	ng	95
57) 2,4-Dinitrotoluene	15.281	165	143390	48.200	ng	91
58) Fluorene	15.974	166	451607	45.859	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.545	232	167740	49.276	ng	97
60) Diethylphthalate	15.721	149	416418	44.479	ng	98
61) 4-Chlorophenyl-phenyle...	15.956	204	280355	45.619	ng	99
62) 4-Nitroaniline	15.986	138	90300	43.545	ng	95
63) Azobenzene	16.250	77	387940	53.697	ng	96
65) 4,6-Dinitro-2-methylph...	16.039	198	105042	51.055	ng	93
66) n-Nitrosodiphenylamine	16.168	169	412247	48.656	ng	98
67) 4-Bromophenyl-phenylether	16.849	248	184424	47.427	ng	99
68) Hexachlorobenzene	16.973	284	182882	50.409	ng	94
69) Atrazine	17.102	200	177393	50.519	ng	99
70) Pentachlorophenol	17.314	266	244064	87.575	ng	100
71) Phenanthrene	17.713	178	748688	47.309	ng	99
72) Anthracene	17.801	178	775291	47.491	ng	100
73) Carbazole	18.066	167	649158	47.307	ng	98
74) Di-n-butylphthalate	18.595	149	646309	47.248	ng	99
75) Fluoranthene	19.699	202	931309	45.115	ng	100
77) Benzidine	19.864	184	322905	30.453	ng	97
78) Pyrene	20.063	202	960284	45.028	ng	99
80) Butylbenzylphthalate	20.921	149	290038	47.404	ng	98
81) Benzo(a)anthracene	21.944	228	1004613	47.272	ng	99
82) 3,3'-Dichlorobenzidine	21.844	252	186368	24.361	ng	99
83) Chrysene	22.014	228	933720	46.905	ng	99
84) Bis(2-ethylhexyl)phtha...	21.808	149	423813	48.080	ng	100
85) Di-n-octyl phthalate	23.095	149	727305	48.875	ng	99
87) Indeno(1,2,3-cd)pyrene	29.376	276	1236714	49.530	ng	100
88) Benzo(b)fluoranthene	24.311	252	1077301	49.386	ng	99
89) Benzo(k)fluoranthene	24.382	252	1032441	47.529	ng	99
90) Benzo(a)pyrene	25.251	252	949667	44.635	ng	100
91) Dibenzo(a,h)anthracene	29.446	278	1038250	49.596	ng	99
92) Benzo(g,h,i)perylene	30.627	276	999701	49.245	ng	99

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

