

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
 Data File : BG057817.D
 Acq On : 22 Jun 2023 20:58
 Operator : CG/JU
 Sample : PB153649BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153649BS

Quant Time: Jun 23 03:45:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	33728	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	157618	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	114581	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	285472	20.000	ng	0.00
76) Chrysene-d12	21.555	240	243865	20.000	ng	0.00
86) Perylene-d12	24.704	264	307620	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	339963	155.417	ng	0.00
7) Phenol-d6	7.084	99	479177	143.566	ng	0.00
23) Nitrobenzene-d5	9.081	82	273020	88.901	ng	-0.01
42) 2,4,6-Tribromophenol	16.044	330	233436	146.254	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	646849	85.625	ng	0.00
79) Terphenyl-d14	19.916	244	1200227	91.773	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.394	88	35571	35.724	ng	93
3) Pyridine	3.788	79	98198	32.380	ng	94
4) n-Nitrosodimethylamine	3.705	42	54541	39.360	ng	90
6) Aniline	7.248	93	155741	36.442	ng	98
8) 2-Chlorophenol	7.483	128	122894	54.612	ng	96
9) Benzaldehyde	7.060	77	65459	31.191	ng	97
10) Phenol	7.113	94	174880	53.215	ng	93
11) bis(2-Chloroethyl)ether	7.342	93	114331	45.250	ng	91
12) 1,3-Dichlorobenzene	7.812	146	109427	47.782	ng	95
13) 1,4-Dichlorobenzene	7.959	146	113545	48.932	ng	95
14) 1,2-Dichlorobenzene	8.277	146	110132	49.049	ng	96
15) Benzyl Alcohol	8.159	79	122172	47.871	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.447	45	195958	40.373	ng	95
17) 2-Methylphenol	8.359	107	119032	49.247	ng	95
18) Hexachloroethane	9.005	117	40494	49.490	ng	97
19) n-Nitroso-di-n-propyla...	8.729	70	99044	42.564	ng	92
20) 3+4-Methylphenols	8.688	107	163223	48.888	ng	96
22) Acetophenone	8.741	105	194744	44.060	ng	97
24) Nitrobenzene	9.123	77	139720	43.714	ng	95
25) Isophorone	9.646	82	288988	41.188	ng	98
26) 2-Nitrophenol	9.834	139	62414	61.379	ng	98
27) 2,4-Dimethylphenol	9.892	122	126448	50.226	ng	97
28) bis(2-Chloroethoxy)met...	10.133	93	167803	44.410	ng	98
29) 2,4-Dichlorophenol	10.368	162	121400	50.779	ng	97
30) 1,2,4-Trichlorobenzene	10.586	180	121733	45.681	ng	99
31) Naphthalene	10.774	128	366211	43.655	ng	99
32) Benzoic acid	10.027	122	96976	52.319	ng	94
33) 4-Chloroaniline	10.879	127	82916	21.332	ng	97
34) Hexachlorobutadiene	11.056	225	71200	43.794	ng	97
35) Caprolactam	11.655	113	48353m	49.842	ng	
36) 4-Chloro-3-methylphenol	12.002	107	152967	48.992	ng	99
37) 2-Methylnaphthalene	12.384	142	261594	42.781	ng	97
38) 1-Methylnaphthalene	12.601	142	247760	42.924	ng	97
40) 1,2,4,5-Tetrachloroben...	12.748	216	142585	44.888	ng	99
41) Hexachlorocyclopentadiene	12.730	237	190368	112.884	ng	99
43) 2,4,6-Trichlorophenol	12.989	196	112571	49.493	ng	97

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44) 2,4,5-Trichlorophenol	13.059	196	127463	48.077	ng	94
46) 1,1'-Biphenyl	13.388	154	357015	45.379	ng	99
47) 2-Chloronaphthalene	13.435	162	274653	45.441	ng	97
48) 2-Nitroaniline	13.635	65	109621	51.036	ng	96
49) Acenaphthylene	14.281	152	464687	44.791	ng	98
50) Dimethylphthalate	14.011	163	398985	45.337	ng	98
51) 2,6-Dinitrotoluene	14.129	165	86342	53.278	ng	93
52) Acenaphthene	14.622	154	329170m	51.252	ng	
53) 3-Nitroaniline	14.458	138	58085	31.805	ng	98
54) 2,4-Dinitrophenol	14.663	184	103225	117.011	ng	99
55) Dibenzofuran	14.957	168	459146	44.461	ng	99
56) 4-Nitrophenol	14.769	139	163923	112.941	ng	93
57) 2,4-Dinitrotoluene	14.916	165	125941	57.307	ng	97
58) Fluorene	15.603	166	368215	45.044	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.180	232	117812	52.142	ng	99
60) Diethylphthalate	15.374	149	415536	46.024	ng	98
61) 4-Chlorophenyl-phenyle...	15.597	204	196361	45.176	ng	97
62) 4-Nitroaniline	15.627	138	92841	49.864	ng	96
63) Azobenzene	15.891	77	399713	43.280	ng	97
65) 4,6-Dinitro-2-methylph...	15.680	198	74101	55.563	ng	93
66) n-Nitrosodiphenylamine	15.809	169	335215	44.491	ng	97
67) 4-Bromophenyl-phenylether	16.490	248	134448	44.409	ng	94
68) Hexachlorobenzene	16.602	284	150210	48.669	ng	98
69) Atrazine	16.761	200	142936	55.265	ng	98
70) Pentachlorophenol	16.949	266	206328	90.490	ng	98
71) Phenanthrene	17.342	178	622640	45.047	ng	99
72) Anthracene	17.431	178	640746	45.398	ng	99
73) Carbazole	17.701	167	606604	46.613	ng	100
74) Di-n-butylphthalate	18.265	149	729171	47.321	ng	100
75) Fluoranthene	19.352	202	747586	45.401	ng	99
77) Benzidine	19.534	184	398412	69.696	ng	99
78) Pyrene	19.716	202	767082	44.095	ng	100
80) Butylbenzylphthalate	20.603	149	319670	48.306	ng	97
81) Benzo(a)anthracene	21.532	228	769389	45.985	ng	99
82) 3,3'-Dichlorobenzidine	21.449	252	191075	33.577	ng	98
83) Chrysene	21.596	228	707470	44.060	ng	99
84) Bis(2-ethylhexyl)phtha...	21.449	149	456715	47.535	ng	99
85) Di-n-octyl phthalate	22.636	149	825218	48.968	ng	96
87) Indeno(1,2,3-cd)pyrene	28.288	276	949824	47.225	ng	98
88) Benzo(b)fluoranthene	23.706	252	816539	48.438	ng	99
89) Benzo(k)fluoranthene	23.770	252	793710	46.230	ng	100
90) Benzo(a)pyrene	24.552	252	724381	43.755	ng	100
91) Dibenzo(a,h)anthracene	28.353	278	796706	47.742	ng	99
92) Benzo(g,h,i)perylene	29.411	276	778421	46.586	ng	99

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

