

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
 Data File : BG060736.D
 Acq On : 2 Apr 2024 12:01
 Operator : MA/JU
 Sample : PB159936BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB159936BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
 Supervised By :mohammad ahmed 04/04/2024

Quant Time: Apr 02 12:38:47 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Mar 30 03:12:26 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.960	152	71396	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	302238	20.000	ng	0.00
39) Acenaphthene-d10	14.594	164	220417	20.000	ng	0.00
64) Phenanthrene-d10	17.338	188	531443	20.000	ng	0.00
76) Chrysene-d12	21.603	240	465518	20.000	ng	0.00
86) Perylene-d12	24.746	264	518840	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	600367	140.084	ng	0.01
7) Phenol-d6	7.126	99	837578	131.659	ng	0.01
23) Nitrobenzene-d5	9.118	82	491286	92.753	ng	0.00
42) 2,4,6-Tribromophenol	16.080	330	405145	161.923	ng	0.00
45) 2-Fluorobiphenyl	13.219	172	1324503	88.191	ng	0.00
79) Terphenyl-d14	19.964	244	2288553	86.565	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.466	88	59471	33.846	ng	99
3) Pyridine	3.853	79	158766	29.955	ng	95
4) n-Nitrosodimethylamine	3.765	42	136295	43.020	ng	95
6) Aniline	7.290	93	221241	27.539	ng	99
8) 2-Chlorophenol	7.526	128	242610	49.932	ng	97
10) Phenol	7.149	94	307958	47.433	ng	100
11) bis(2-Chloroethyl)ether	7.384	93	259889	49.580	ng	98
12) 1,3-Dichlorobenzene	7.855	146	226929	44.912	ng	97
13) 1,4-Dichlorobenzene	8.001	146	233807	45.356	ng	99
14) 1,2-Dichlorobenzene	8.313	146	229431	45.416	ng	99
15) Benzyl Alcohol	8.195	79	232871	45.190	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.495	45	512133	43.292	ng	98
17) 2-Methylphenol	8.401	107	222392	45.374	ng	99
18) Hexachloroethane	9.041	117	83059	45.367	ng	94
19) n-Nitroso-di-n-propyla...	8.771	70	199236	41.068	ng	# 98
20) 3+4-Methylphenols	8.724	107	304465	45.363	ng	96
22) Acetophenone	8.783	105	382426	45.888	ng	# 98
24) Nitrobenzene	9.159	77	256410	43.750	ng	95
25) Isophorone	9.688	82	510646	41.857	ng	98
26) 2-Nitrophenol	9.870	139	105282	50.462	ng	96
27) 2,4-Dimethylphenol	9.934	122	205028	41.837	ng	97
28) bis(2-Chloroethoxy)met...	10.169	93	305328	42.392	ng	98
29) 2,4-Dichlorophenol	10.404	162	229221	50.936	ng	98
30) 1,2,4-Trichlorobenzene	10.622	180	236773	46.465	ng	99
31) Naphthalene	10.810	128	716670	43.835	ng	99
32) Benzoic acid	10.070	122	170187	51.598	ng	91
33) 4-Chloroaniline	10.910	127	100317	13.210	ng	98
34) Hexachlorobutadiene	11.104	225	155462	45.776	ng	99
35) Caprolactam	11.685	113	83091m	46.619	ng	
36) 4-Chloro-3-methylphenol	12.032	107	279353	48.593	ng	98
37) 2-Methylnaphthalene	12.420	142	503782	41.912	ng	99
38) 1-Methylnaphthalene	12.637	142	491993	43.328	ng	100
40) 1,2,4,5-Tetrachloroben...	12.784	216	309902	48.905	ng	99
41) Hexachlorocyclopentadiene	12.772	237	344246	106.839	ng	99
43) 2,4,6-Trichlorophenol	13.019	196	215053	52.705	ng	95
44) 2,4,5-Trichlorophenol	13.090	196	238719	49.024	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.430	154	736824	47.327	ng	99
47) 2-Chloronaphthalene	13.466	162	563422	47.632	ng	99
48) 2-Nitroaniline	13.659	65	195942	50.611	ng	99
49) Acenaphthylene	14.312	152	951996	47.899	ng	100
50) Dimethylphthalate	14.053	163	780600	44.806	ng	99
51) 2,6-Dinitrotoluene	14.159	165	153274	49.054	ng	96
52) Acenaphthene	14.658	154	635596m	50.934	ng	
53) 3-Nitroaniline	14.482	138	84413	26.054	ng	94
54) 2,4-Dinitrophenol	14.694	184	167670	138.265	ng	86
55) Dibenzofuran	14.993	168	887534	45.090	ng	99
56) 4-Nitrophenol	14.793	139	293725	115.327	ng	97
57) 2,4-Dinitrotoluene	14.946	165	218692	53.240	ng	98
58) Fluorene	15.640	166	711363	45.030	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.211	232	217587	51.275	ng	99
60) Diethylphthalate	15.422	149	771151	43.996	ng	99
61) 4-Chlorophenyl-phenyle...	15.640	204	369198	44.175	ng	97
62) 4-Nitroaniline	15.651	138	161412	50.674	ng	97
63) Azobenzene	15.933	77	750763	43.956	ng	98
65) 4,6-Dinitro-2-methylph...	15.710	198	110530	50.046	ng	97
66) n-Nitrosodiphenylamine	15.851	169	662475	43.622	ng	99
67) 4-Bromophenyl-phenylether	16.533	248	252199	46.760	ng	99
68) Hexachlorobenzene	16.644	284	284804	46.777	ng	96
69) Atrazine	16.803	200	247667	46.635	ng	100
70) Pentachlorophenol	16.985	266	377650	95.060	ng	99
71) Phenanthrene	17.379	178	1222083	44.216	ng	99
72) Anthracene	17.473	178	1231326	43.867	ng	99
73) Carbazole	17.737	167	1110539	44.873	ng	99
74) Di-n-butylphthalate	18.319	149	1368946	44.368	ng	99
75) Fluoranthene	19.394	202	1459585	43.519	ng	99
77) Benzidine	19.570	184	254784	20.785	ng	98
78) Pyrene	19.752	202	1504398	46.208	ng	99
80) Butylbenzylphthalate	20.657	149	596919	50.261	ng	99
81) Benzo(a)anthracene	21.580	228	1466216	44.683	ng	99
82) 3,3'-Dichlorobenzidine	21.503	252	347667	31.378	ng	99
83) Chrysene	21.650	228	1373304	43.421	ng	100
84) Bis(2-ethylhexyl)phtha...	21.533	149	895435	47.304	ng	98
85) Di-n-octyl phthalate	22.737	149	1571630	50.964	ng	99
87) Indeno(1,2,3-cd)pyrene	28.319	276	1736950	47.540	ng	100
88) Benzo(b)fluoranthene	23.759	252	1461637	49.036	ng	98
89) Benzo(k)fluoranthene	23.824	252	1388660	45.517	ng	99
90) Benzo(a)pyrene	24.600	252	1284608	44.348	ng	97
91) Dibenzo(a,h)anthracene	28.395	278	1481684	48.107	ng	99
92) Benzo(g,h,i)perylene	29.435	276	1400275	46.737	ng	99

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

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