

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042423\
 Data File : BG057155.D
 Acq On : 24 Apr 2023 17:31
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 04/25/2023
 Supervised By : Jagrut Upadhyay 04/25/2023

Quant Time: Apr 25 04:07:59 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Apr 25 04:01:27 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.390	152	19250	20.000	ng	0.00
21) Naphthalene-d8	11.227	136	76807	20.000	ng	# 0.00
39) Acenaphthene-d10	15.005	164	61368	20.000	ng	0.00
64) Phenanthrene-d10	17.742	188	161474	20.000	ng	# 0.00
76) Chrysene-d12	22.060	240	159736	20.000	ng	0.00
86) Perylene-d12	25.584	264	170760	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.899	112	41655	39.214	ng	0.00
7) Phenol-d6	7.521	99	60069	39.083	ng	0.00
23) Nitrobenzene-d5	9.565	82	56696	36.492	ng	0.00
42) 2,4,6-Tribromophenol	16.485	330	35873	44.304	ng	0.00
45) 2-Fluorobiphenyl	13.630	172	191251	41.883	ng	0.00
79) Terphenyl-d14	20.309	244	384149	42.064	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.702	88	8900	18.697	ng	88
3) Pyridine	4.131	79	26600m	18.418	ng	
4) n-Nitrosodimethylamine	4.037	42	9407	18.057	ng	# 91
6) Aniline	7.697	93	38534	19.199	ng	99
8) 2-Chlorophenol	7.949	128	22950	20.624	ng	88
9) Benzaldehyde	7.509	77	19178	20.833	ng	96
10) Phenol	7.550	94	29661	19.436	ng	98
11) bis(2-Chloroethyl)ether	7.785	93	23297	19.453	ng	95
12) 1,3-Dichlorobenzene	8.278	146	27664	20.985	ng	99
13) 1,4-Dichlorobenzene	8.425	146	27756	20.892	ng	99
14) 1,2-Dichlorobenzene	8.748	146	27209	21.212	ng	98
15) Benzyl Alcohol	8.619	79	21595	19.068	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.901	45	20372	16.906	ng	90
17) 2-Methylphenol	8.819	107	22238	19.913	ng	97
18) Hexachloroethane	9.489	117	8991	19.949	ng	93
19) n-Nitroso-di-n-propyla...	9.189	70	18598	19.455	ng	# 96
20) 3+4-Methylphenols	9.148	107	30408	19.896	ng	94
22) Acetophenone	9.212	105	41918	20.118	ng	# 98
24) Nitrobenzene	9.612	77	29514	18.920	ng	95
25) Isophorone	10.123	82	57281	19.221	ng	99
26) 2-Nitrophenol	10.323	139	11780	20.214	ng	# 87
27) 2,4-Dimethylphenol	10.364	122	23127	20.648	ng	96
28) bis(2-Chloroethoxy)met...	10.599	93	29740	19.038	ng	97
29) 2,4-Dichlorophenol	10.869	162	26457	21.204	ng	91
30) 1,2,4-Trichlorobenzene	11.081	180	33171	21.740	ng	97
31) Naphthalene	11.280	128	82514	20.226	ng	98
32) Benzoic acid	10.475	122	9143m	21.359	ng	
33) 4-Chloroaniline	11.374	127	36839	20.538	ng	# 91
34) Hexachlorobutadiene	11.550	225	25341	22.524	ng	96
35) Caprolactam	12.120	113	6925	20.043	ng	# 64
36) 4-Chloro-3-methylphenol	12.467	107	27654	20.602	ng	92
37) 2-Methylnaphthalene	12.855	142	66842	20.821	ng	97
38) 1-Methylnaphthalene	13.072	142	60681	20.473	ng	96
40) 1,2,4,5-Tetrachloroben...	13.213	216	48072	21.408	ng	99
41) Hexachlorocyclopentadiene	13.189	237	16345	20.733	ng	96
43) 2,4,6-Trichlorophenol	13.448	196	25229	20.753	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.524	196	31075	21.173	ng	97
46) 1,1'-Biphenyl	13.842	154	93504	20.441	ng	96
47) 2-Chloronaphthalene	13.894	162	70626	20.457	ng	98
48) 2-Nitroaniline	14.082	65	12360	17.573	ng	# 84
49) Acenaphthylene	14.729	152	112574	20.541	ng	98
50) Dimethylphthalate	14.435	163	87873	20.403	ng	99
51) 2,6-Dinitrotoluene	14.564	165	18840	20.956	ng	90
52) Acenaphthene	15.069	154	73037m	20.398	ng	
53) 3-Nitroaniline	14.899	138	17769	19.904	ng	# 91
54) 2,4-Dinitrophenol	15.105	184	7915	20.740	ng	91
55) Dibenzofuran	15.398	168	120635	20.793	ng	99
56) 4-Nitrophenol	15.193	139	11652	18.543	ng	93
57) 2,4-Dinitrotoluene	15.351	165	24826	20.278	ng	89
58) Fluorene	16.044	166	100006	21.410	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.621	232	26928	21.420	ng	# 94
60) Diethylphthalate	15.780	149	84171	20.274	ng	99
61) 4-Chlorophenyl-phenyle...	16.021	204	60872	21.712	ng	97
62) 4-Nitroaniline	16.056	138	18695	20.797	ng	92
63) Azobenzene	16.315	77	85935	19.458	ng	97
65) 4,6-Dinitro-2-methylph...	16.115	198	14160	20.056	ng	87
66) n-Nitrosodiphenylamine	16.232	169	84334	20.016	ng	97
67) 4-Bromophenyl-phenylether	16.914	248	40736	20.978	ng	94
68) Hexachlorobenzene	17.049	284	42928	21.553	ng	96
69) Atrazine	17.166	200	28076	20.863	ng	99
70) Pentachlorophenol	17.390	266	18414m	19.672	ng	
71) Phenanthrene	17.783	178	168268	20.412	ng	100
72) Anthracene	17.877	178	172843	20.737	ng	99
73) Carbazole	18.142	167	144594	20.551	ng	97
74) Di-n-butylphthalate	18.659	149	129400	19.772	ng	98
75) Fluoranthene	19.775	202	215231	21.016	ng	98
77) Benzidine	19.939	184	51487	21.390	ng	99
78) Pyrene	20.133	202	222254	20.493	ng	99
80) Butylbenzylphthalate	20.991	149	47098	18.770	ng	89
81) Benzo(a)anthracene	22.036	228	226819	20.652	ng	99
82) 3,3'-Dichlorobenzidine	21.931	252	59333	20.641	ng	97
83) Chrysene	22.113	228	221249	20.890	ng	99
84) Bis(2-ethylhexyl)phtha...	21.889	149	73558	18.761	ng	# 99
85) Di-n-octyl phthalate	23.194	149	132968	18.560	ng	97
87) Indeno(1,2,3-cd)pyrene	29.650	276	252584	20.650	ng	97
88) Benzo(b)fluoranthene	24.451	252	214404m	20.030	ng	
89) Benzo(k)fluoranthene	24.527	252	226636	20.469	ng	99
90) Benzo(a)pyrene	25.414	252	216000	20.488	ng	97
91) Dibenzo(a,h)anthracene	29.708	278	208111	20.491	ng	98
92) Benzo(g,h,i)perylene	30.924	276	209479	20.846	ng	# 96

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

