

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021122\
 Data File : BG052366.D
 Acq On : 11 Feb 2022 10:35
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/14/2022
 Supervised By :mohammad ahmed 02/15/2022

Quant Time: Feb 11 11:23:58 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Feb 08 01:21:20 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.231	152	24894	20.000	ng	0.00
21) Naphthalene-d8	11.075	136	103398	20.000	ng	0.00
39) Acenaphthene-d10	14.875	164	76973	20.000	ng	0.00
64) Phenanthrene-d10	17.625	188	193430	20.000	ng	0.00
76) Chrysene-d12	21.942	240	191309	20.000	ng	0.00
86) Perylene-d12	25.414	264	197355	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.764	112	113950	79.778	ng	0.01
7) Phenol-d6	7.386	99	169814	77.053	ng	0.01
23) Nitrobenzene-d5	9.406	82	179185	75.317	ng	0.00
42) 2,4,6-Tribromophenol	16.362	330	91066	82.350	ng	0.00
45) 2-Fluorobiphenyl	13.501	172	421107	76.019	ng	0.00
79) Terphenyl-d14	20.221	244	845156	78.012	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.585	88	23007	34.981	ng	93
3) Pyridine	4.002	79	70189	36.796	ng	97
4) n-Nitrosodimethylamine	3.908	42	33514	34.026	ng	# 75
6) Aniline	7.544	93	98178	38.344	ng	94
8) 2-Chlorophenol	7.797	128	60769	38.675	ng	91
9) Benzaldehyde	7.356	77	44938	34.245	ng	93
10) Phenol	7.409	94	84518	38.598	ng	91
11) bis(2-Chloroethyl)ether	7.632	93	61503	36.746	ng	94
12) 1,3-Dichlorobenzene	8.126	146	71098	39.713	ng	97
13) 1,4-Dichlorobenzene	8.273	146	72913	39.951	ng	97
14) 1,2-Dichlorobenzene	8.596	146	69679	38.712	ng	92
15) Benzyl Alcohol	8.466	79	69450	37.970	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.766	45	85689	35.454	ng	98
17) 2-Methylphenol	8.678	107	56512	39.110	ng	95
18) Hexachloroethane	9.336	117	25479	40.149	ng	96
19) n-Nitroso-di-n-propyla...	9.036	70	60686	36.526	ng	95
20) 3+4-Methylphenols	9.007	107	79826	38.615	ng	92
22) Acetophenone	9.060	105	102446	37.488	ng	94
24) Nitrobenzene	9.453	77	82140	36.398	ng	93
25) Isophorone	9.976	82	153260	37.860	ng	98
26) 2-Nitrophenol	10.170	139	39099	40.876	ng	88
27) 2,4-Dimethylphenol	10.223	122	56296	39.751	ng	94
28) bis(2-Chloroethoxy)met...	10.452	93	87919	38.270	ng	99
29) 2,4-Dichlorophenol	10.716	162	68006	40.061	ng	96
30) 1,2,4-Trichlorobenzene	10.934	180	76398	38.541	ng	98
31) Naphthalene	11.128	128	207963	38.365	ng	98
32) Benzoic acid	10.358	122	40431	44.632	ng	98
33) 4-Chloroaniline	11.222	127	88688	39.189	ng	97
34) Hexachlorobutadiene	11.409	225	50492	37.717	ng	96
35) Caprolactam	11.991	113	25581	41.351	ng	# 85
36) 4-Chloro-3-methylphenol	12.338	107	77597	40.180	ng	96
37) 2-Methylnaphthalene	12.719	142	155229	38.556	ng	98
38) 1-Methylnaphthalene	12.937	142	152863m	39.182	ng	
40) 1,2,4,5-Tetrachloroben...	13.084	216	94644	37.383	ng	98
41) Hexachlorocyclopentadiene	13.066	237	37537	34.016	ng	94
43) 2,4,6-Trichlorophenol	13.319	196	64780	39.123	ng	97

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44) 2,4,5-Trichlorophenol	13.395	196	70009	39.015	ng	95
46) 1,1'-Biphenyl	13.712	154	213491	37.824	ng	98
47) 2-Chloronaphthalene	13.759	162	164532	37.836	ng	98
48) 2-Nitroaniline	13.953	65	58894	38.041	ng	92
49) Acenaphthylene	14.605	152	271215	38.314	ng	98
50) Dimethylphthalate	14.317	163	226969	38.492	ng	99
51) 2,6-Dinitrotoluene	14.441	165	50279	39.514	ng	# 88
52) Acenaphthene	14.940	154	179028m	38.617	ng	
53) 3-Nitroaniline	14.770	138	54362	41.102	ng	99
54) 2,4-Dinitrophenol	14.981	184	29266	39.767	ng	94
55) Dibenzofuran	15.275	168	275372	37.771	ng	99
56) 4-Nitrophenol	15.081	139	41345	41.626	ng	87
57) 2,4-Dinitrotoluene	15.228	165	74184	40.962	ng	# 86
58) Fluorene	15.921	166	225419	38.731	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.504	232	67157	39.177	ng	99
60) Diethylphthalate	15.674	149	233263	39.161	ng	96
61) 4-Chlorophenyl-phenyle...	15.903	204	126319	38.101	ng	98
62) 4-Nitroaniline	15.933	138	58848	42.264	ng	88
63) Azobenzene	16.197	77	226625	37.165	ng	95
65) 4,6-Dinitro-2-methylph...	15.997	198	48096	41.333	ng	88
66) n-Nitrosodiphenylamine	16.121	169	203621	38.206	ng	97
67) 4-Bromophenyl-phenylether	16.802	248	87301	37.113	ng	97
68) Hexachlorobenzene	16.937	284	95053	37.256	ng	92
69) Atrazine	17.061	200	87356	40.543	ng	95
70) Pentachlorophenol	17.278	266	49945	40.015	ng	98
71) Phenanthrene	17.666	178	377939	37.902	ng	97
72) Anthracene	17.760	178	372745	38.147	ng	99
73) Carbazole	18.024	167	375688	39.421	ng	100
74) Di-n-butylphthalate	18.564	149	417449	40.203	ng	99
75) Fluoranthene	19.669	202	495805	39.049	ng	99
77) Benzidine	19.839	184	182277	44.590	ng	98
78) Pyrene	20.033	202	497736	38.882	ng	99
80) Butylbenzylphthalate	20.903	149	187248	42.110	ng	94
81) Benzo(a)anthracene	21.925	228	488734	38.606	ng	100
82) 3,3'-Dichlorobenzidine	21.825	252	170022	38.471	ng	99
83) Chrysene	21.995	228	448463	37.383	ng	99
84) Bis(2-ethylhexyl)phtha...	21.801	149	249980	40.543	ng	98
85) Di-n-octyl phthalate	23.094	149	423630	40.980	ng	96
87) Indeno(1,2,3-cd)pyrene	29.432	276	544860	37.728	ng	# 95
88) Benzo(b)fluoranthene	24.310	252	472230	38.398	ng	99
89) Benzo(k)fluoranthene	24.380	252	454426	37.404	ng	99
90) Benzo(a)pyrene	25.250	252	394919	38.014	ng	99
91) Dibenzo(a,h)anthracene	29.491	278	445219	37.318	ng	99
92) Benzo(g,h,i)perylene	30.695	276	439991	37.579	ng	95

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

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