

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042623\
 Data File : BG057187.D
 Acq On : 26 Apr 2023 11:16
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023
 Supervised By :Jagrut Upadhyay 04/27/2023

Quant Time: Apr 27 03:04:40 2023

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Apr 27 03:02:41 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.383	152	13899	20.000	ng	0.00
21) Naphthalene-d8	11.221	136	52999	20.000	ng	# 0.00
39) Acenaphthene-d10	14.992	164	40211	20.000	ng	0.00
64) Phenanthrene-d10	17.735	188	104326	20.000	ng	0.00
76) Chrysene-d12	22.047	240	96818	20.000	ng	0.00
86) Perylene-d12	25.560	264	104365	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.892	112	61365	80.009	ng	0.00
7) Phenol-d6	7.520	99	92593	83.438	ng	0.00
23) Nitrobenzene-d5	9.558	82	97216	90.681	ng	0.00
42) 2,4,6-Tribromophenol	16.478	330	43726	82.416	ng	0.00
45) 2-Fluorobiphenyl	13.617	172	232357	77.657	ng	0.00
79) Terphenyl-d14	20.302	244	458887	82.902	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.695	88	12065	35.105	ng	97
3) Pyridine	4.124	79	39500	37.879	ng	90
4) n-Nitrosodimethylamine	4.030	42	19161	50.939	ng	82
6) Aniline	7.690	93	59550	41.092	ng	96
8) 2-Chlorophenol	7.943	128	32287	40.184	ng	98
9) Benzaldehyde	7.502	77	25905	38.974	ng	94
10) Phenol	7.543	94	46118	41.854	ng	95
11) bis(2-Chloroethyl)ether	7.778	93	33684	38.955	ng	97
12) 1,3-Dichlorobenzene	8.272	146	36115	37.944	ng	95
13) 1,4-Dichlorobenzene	8.418	146	36439	37.988	ng	99
14) 1,2-Dichlorobenzene	8.742	146	34588	37.346	ng	99
15) Benzyl Alcohol	8.612	79	37356	45.684	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.906	45	41614m	37.852	ng	
17) 2-Methylphenol	8.812	107	32351	40.122	ng	96
18) Hexachloroethane	9.482	117	12742	39.156	ng	99
19) n-Nitroso-di-n-propyla...	9.182	70	32691	47.362	ng	# 89
20) 3+4-Methylphenols	9.147	107	45564	41.291	ng	95
22) Acetophenone	9.212	105	58348	40.583	ng	# 91
24) Nitrobenzene	9.605	77	50128	46.571	ng	95
25) Isophorone	10.122	82	88866	43.216	ng	# 98
26) 2-Nitrophenol	10.322	139	18572	46.184	ng	# 81
27) 2,4-Dimethylphenol	10.363	122	33442	43.269	ng	91
28) bis(2-Chloroethoxy)met...	10.598	93	45082	41.822	ng	99
29) 2,4-Dichlorophenol	10.862	162	35901	41.698	ng	95
30) 1,2,4-Trichlorobenzene	11.074	180	40855	38.805	ng	96
31) Naphthalene	11.273	128	111313	39.543	ng	100
32) Benzoic acid	10.492	122	13523m	38.665	ng	
33) 4-Chloroaniline	11.367	127	48943	39.544	ng	95
34) Hexachlorobutadiene	11.544	225	30067	38.730	ng	98
35) Caprolactam	12.137	113	11828	49.613	ng	90
36) 4-Chloro-3-methylphenol	12.466	107	38850	41.945	ng	95
37) 2-Methylnaphthalene	12.848	142	85766	38.717	ng	98
38) 1-Methylnaphthalene	13.065	142	80207	39.217	ng	98
40) 1,2,4,5-Tetrachloroben...	13.206	216	56253	38.232	ng	99
41) Hexachlorocyclopentadiene	13.183	237	18709	32.694	ng	98
43) 2,4,6-Trichlorophenol	13.441	196	33648	42.241	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042623\
 Data File : BG057187.D
 Acq On : 26 Apr 2023 11:16
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023
 Supervised By :Jagrut Upadhyay 04/27/2023

Quant Time: Apr 27 03:04:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 03:02:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.517	196	41139	42.779	ng	98
46) 1,1'-Biphenyl	13.835	154	115477	38.528	ng	96
47) 2-Chloronaphthalene	13.882	162	87363	38.619	ng	97
48) 2-Nitroaniline	14.081	65	29669	52.053	ng	90
49) Acenaphthylene	14.722	152	140317	39.074	ng	100
50) Dimethylphthalate	14.428	163	120263	42.615	ng	99
51) 2,6-Dinitrotoluene	14.557	165	25482	43.258	ng	89
52) Acenaphthene	15.057	154	94658m	40.344	ng	
53) 3-Nitroaniline	14.892	138	26088	44.599	ng	99
54) 2,4-Dinitrophenol	15.098	184	12151	39.914	ng	86
55) Dibenzofuran	15.391	168	145234	38.203	ng	99
56) 4-Nitrophenol	15.192	139	18776	45.602	ng	# 77
57) 2,4-Dinitrotoluene	15.344	165	37175	46.340	ng	# 93
58) Fluorene	16.038	166	121232	39.609	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.615	232	35265	42.811	ng	98
60) Diethylphthalate	15.773	149	123976	45.574	ng	99
61) 4-Chlorophenyl-phenyle...	16.014	204	71110	38.709	ng	97
62) 4-Nitroaniline	16.049	138	27469	46.636	ng	# 83
63) Azobenzene	16.308	77	123325	42.617	ng	97
65) 4,6-Dinitro-2-methylph...	16.108	198	21872	41.167	ng	95
66) n-Nitrosodiphenylamine	16.226	169	105958	38.924	ng	99
67) 4-Bromophenyl-phenylether	16.907	248	46733	37.249	ng	99
68) Hexachlorobenzene	17.042	284	46726	36.310	ng	99
69) Atrazine	17.160	200	44567	51.259	ng	94
70) Pentachlorophenol	17.383	266	26404	43.661	ng	94
71) Phenanthrene	17.776	178	202818	38.081	ng	100
72) Anthracene	17.865	178	211959	39.360	ng	99
73) Carbazole	18.135	167	184986	40.695	ng	98
74) Di-n-butylphthalate	18.652	149	218016	51.560	ng	99
75) Fluoranthene	19.768	202	271110	40.973	ng	98
77) Benzidine	19.926	184	73666	50.493	ng	100
78) Pyrene	20.126	202	271018	41.229	ng	99
80) Butylbenzylphthalate	20.978	149	83750	48.853	ng	93
81) Benzo(a)anthracene	22.024	228	265915	39.947	ng	99
82) 3,3'-Dichlorobenzidine	21.924	252	84780	48.661	ng	98
83) Chrysene	22.100	228	250671	39.048	ng	99
84) Bis(2-ethylhexyl)phtha...	21.871	149	121009	44.860	ng	97
85) Di-n-octyl phthalate	23.175	149	209137	48.163	ng	97
87) Indeno(1,2,3-cd)pyrene	29.625	276	290058	38.799	ng	# 89
88) Benzo(b)fluoranthene	24.438	252	258570	39.524	ng	# 98
89) Benzo(k)fluoranthene	24.508	252	256283	37.872	ng	# 98
90) Benzo(a)pyrene	25.395	252	251388	39.013	ng	# 98
91) Dibenzo(a,h)anthracene	29.690	278	243517	39.230	ng	98
92) Benzo(g,h,i)perylene	30.900	276	233829	38.073	ng	# 95

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

