

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070822\
 Data File : BG054239.D
 Acq On : 8 Jul 2022 9:40
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/11/2022

Supervised By :mohammad ahmed 07/11/2022

Quant Time: Jul 08 13:51:33 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 08 13:46:14 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	20167	20.000	ng	# 0.00
21) Naphthalene-d8	10.874	136	74509	20.000	ng	# 0.00
39) Acenaphthene-d10	14.687	164	60104	20.000	ng	0.00
64) Phenanthrene-d10	17.431	188	166773	20.000	ng	# 0.00
76) Chrysene-d12	21.708	240	190751	20.000	ng	# 0.00
86) Perylene-d12	24.957	264	203261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.633	112	82412	78.130	ng	0.00
7) Phenol-d6	7.231	99	113438	79.276	ng	0.00
23) Nitrobenzene-d5	9.223	82	111875	84.378	ng	0.00
42) 2,4,6-Tribromophenol	16.179	330	98662	102.169	ng	0.00
45) 2-Fluorobiphenyl	13.312	172	321838	77.864	ng	0.00
79) Terphenyl-d14	20.039	244	766352	80.917	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.512	88	16901	36.654	ng	94
3) Pyridine	3.917	79	44414	36.095	ng	94
4) n-Nitrosodimethylamine	3.829	42	23679	43.750	ng	# 81
6) Aniline	7.383	93	64772	38.179	ng	98
8) 2-Chlorophenol	7.630	128	46516	41.301	ng	90
9) Benzaldehyde	7.195	77	30146m	35.696	ng	
10) Phenol	7.254	94	58172	40.114	ng	98
11) bis(2-Chloroethyl)ether	7.478	93	39885	35.833	ng	94
12) 1,3-Dichlorobenzene	7.953	146	54620	38.703	ng	93
13) 1,4-Dichlorobenzene	8.094	146	56438	39.812	ng	98
14) 1,2-Dichlorobenzene	8.418	146	53566	39.361	ng	96
15) Benzyl Alcohol	8.300	79	43618	40.785	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.588	45	54265	32.612	ng	97
17) 2-Methylphenol	8.506	107	39747	39.455	ng	93
18) Hexachloroethane	9.146	117	19027	40.459	ng	# 74
19) n-Nitroso-di-n-propyla...	8.864	70	34831	36.232	ng	# 89
20) 3+4-Methylphenols	8.835	107	55978	39.623	ng	96
22) Acetophenone	8.882	105	72462	40.010	ng	# 97
24) Nitrobenzene	9.264	77	54378	41.649	ng	# 86
25) Isophorone	9.787	82	95613	38.612	ng	# 92
26) 2-Nitrophenol	9.980	139	27042	46.892	ng	# 86
27) 2,4-Dimethylphenol	10.039	122	38331	41.066	ng	89
28) bis(2-Chloroethoxy)met...	10.268	93	49652	37.221	ng	97
29) 2,4-Dichlorophenol	10.527	162	56421	45.084	ng	88
30) 1,2,4-Trichlorobenzene	10.733	180	67150	43.334	ng	# 95
31) Naphthalene	10.921	128	152531	40.552	ng	99
32) Benzoic acid	10.192	122	19915m	48.744	ng	
33) 4-Chloroaniline	11.026	127	64408	41.275	ng	94
34) Hexachlorobutadiene	11.203	225	55628	46.693	ng	96
35) Caprolactam	11.796	113	16129	46.816	ng	# 85
36) 4-Chloro-3-methylphenol	12.149	107	54700	44.963	ng	# 86
37) 2-Methylnaphthalene	12.525	142	114577	41.171	ng	97
38) 1-Methylnaphthalene	12.736	142	111445	41.128	ng	97
40) 1,2,4,5-Tetrachloroben...	12.889	216	94839	40.950	ng	# 97
41) Hexachlorocyclopentadiene	12.871	237	54818	50.832	ng	98
43) 2,4,6-Trichlorophenol	13.130	196	57714	44.364	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070822\
 Data File : BG054239.D
 Acq On : 8 Jul 2022 9:40
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/11/2022
 Supervised By :mohammad ahmed 07/11/2022

Quant Time: Jul 08 13:51:33 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 08 13:46:14 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.206	196	63850	43.957	ng	# 90
46) 1,1'-Biphenyl	13.523	154	159051	37.991	ng	97
47) 2-Chloronaphthalene	13.570	162	135271	39.924	ng	95
48) 2-Nitroaniline	13.764	65	40081	44.471	ng	92
49) Acenaphthylene	14.411	152	206599	39.213	ng	99
50) Dimethylphthalate	14.140	163	186575	40.760	ng	100
51) 2,6-Dinitrotoluene	14.258	165	42178	45.606	ng	# 75
52) Acenaphthene	14.751	154	137410m	40.916	ng	
53) 3-Nitroaniline	14.593	138	38795	43.298	ng	89
54) 2,4-Dinitrophenol	14.804	184	19789	42.412	ng	# 76
55) Dibenzofuran	15.086	168	218601	40.400	ng	94
56) 4-Nitrophenol	14.910	139	24697	38.824	ng	89
57) 2,4-Dinitrotoluene	15.051	165	63310	48.471	ng	# 80
58) Fluorene	15.733	166	184060	41.430	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.315	232	64954	45.725	ng	# 88
60) Diethylphthalate	15.498	149	185135	41.764	ng	97
61) 4-Chlorophenyl-phenyle...	15.721	204	115177	43.304	ng	# 87
62) 4-Nitroaniline	15.750	138	40333	43.165	ng	86
63) Azobenzene	16.015	77	141866	39.758	ng	88
65) 4,6-Dinitro-2-methylph...	15.821	198	41430	49.794	ng	79
66) n-Nitrosodiphenylamine	15.938	169	168550	38.779	ng	94
67) 4-Bromophenyl-phenylether	16.614	248	88103	42.298	ng	92
68) Hexachlorobenzene	16.743	284	99626	41.814	ng	# 91
69) Atrazine	16.878	200	75448	41.903	ng	97
70) Pentachlorophenol	17.090	266	40476	36.571	ng	97
71) Phenanthrene	17.478	178	334368	39.024	ng	97
72) Anthracene	17.566	178	327154	39.100	ng	99
73) Carbazole	17.830	167	281000	39.126	ng	98
74) Di-n-butylphthalate	18.382	149	330485	39.799	ng	# 98
75) Fluoranthene	19.487	202	453788	40.344	ng	97
77) Benzidine	19.657	184	149270	37.787	ng	98
78) Pyrene	19.845	202	455170	39.508	ng	98
80) Butylbenzylphthalate	20.721	149	149991	40.617	ng	# 87
81) Benzo(a)anthracene	21.690	228	491105	39.763	ng	99
82) 3,3'-Dichlorobenzidine	21.596	252	152019	41.197	ng	# 96
83) Chrysene	21.755	228	463562	39.376	ng	99
84) Bis(2-ethylhexyl)phtha...	21.584	149	210851	39.923	ng	# 93
85) Di-n-octyl phthalate	22.801	149	356066	39.225	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.700	276	606421	39.535	ng	100
88) Benzo(b)fluoranthene	23.929	252	477646	38.648	ng	# 98
89) Benzo(k)fluoranthene	23.993	252	488334	39.909	ng	# 98
90) Benzo(a)pyrene	24.804	252	415598	39.856	ng	99
91) Dibenzo(a,h)anthracene	28.747	278	500697	39.474	ng	# 98
92) Benzo(g,h,i)perylene	29.857	276	491008	39.225	ng	# 93

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

