

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111423\
 Data File : BG059690.D
 Acq On : 14 Nov 2023 20:44
 Operator : MA/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/16/2023

Supervised By :mohammad ahmed 11/17/2023

Quant Time: Nov 15 08:03:59 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111423.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 15 07:25:44 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.346	152	31075	20.000	ng	0.00
21) Naphthalene-d8	11.196	136	153815	20.000	ng	# 0.00
39) Acenaphthene-d10	14.979	164	106454	20.000	ng	0.00
64) Phenanthrene-d10	17.729	188	242947	20.000	ng	# 0.00
76) Chrysene-d12	22.065	240	192871	20.000	ng	# 0.00
86) Perylene-d12	25.655	264	315484	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.837	112	216694	120.387	ng	0.00
7) Phenol-d6	7.465	99	344295	126.571	ng	0.00
23) Nitrobenzene-d5	9.550	82	458648	128.186	ng	0.00
42) 2,4,6-Tribromophenol	16.466	330	146403	121.861	ng	0.00
45) 2-Fluorobiphenyl	13.599	172	967260	122.501	ng	0.00
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.681	88	38169m	59.595	ng	
3) Pyridine	4.104	79	125082m	57.844	ng	
4) n-Nitrosodimethylamine	4.027	42	60156	62.474	ng	# 78
6) Aniline	7.676	93	222185	61.469	ng	# 94
8) 2-Chlorophenol	7.899	128	121771	59.821	ng	95
9) Benzaldehyde	7.494	77	101306	57.548	ng	83
10) Phenol	7.494	94	177585	63.558	ng	88
11) bis(2-Chloroethyl)ether	7.764	93	111587	62.155	ng	97
12) 1,3-Dichlorobenzene	8.228	146	139607m	62.385	ng	
13) 1,4-Dichlorobenzene	8.387	146	141991	60.461	ng	# 81
14) 1,2-Dichlorobenzene	8.704	146	136867	63.176	ng	92
15) Benzyl Alcohol	8.593	79	184041	63.548	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.857	45	43024	63.714	ng	# 77
17) 2-Methylphenol	8.769	107	128973	63.010	ng	94
18) Hexachloroethane	9.433	117	56529	63.171	ng	94
19) n-Nitroso-di-n-propyla...	9.157	70	133123	63.529	ng	97
20) 3+4-Methylphenols	9.104	107	179531	62.760	ng	90
22) Acetophenone	9.192	105	251972	60.302	ng	98
24) Nitrobenzene	9.597	77	211274	63.683	ng	100
25) Isophorone	10.097	82	367560	59.719	ng	97
26) 2-Nitrophenol	10.303	139	84865	66.067	ng	# 75
27) 2,4-Dimethylphenol	10.326	122	161440	63.035	ng	87
28) bis(2-Chloroethoxy)met...	10.585	93	157440	61.670	ng	95
29) 2,4-Dichlorophenol	10.820	162	142559	62.296	ng	93
30) 1,2,4-Trichlorobenzene	11.043	180	146219	62.568	ng	98
31) Naphthalene	11.248	128	476136	61.312	ng	99
32) Benzoic acid	10.455	122	116742m	68.969	ng	
33) 4-Chloroaniline	11.366	127	207116	60.283	ng	96
34) Hexachlorobutadiene	11.478	225	97016	64.486	ng	96
35) Caprolactam	12.171	113	48313	59.025	ng	87
36) 4-Chloro-3-methylphenol	12.435	107	183587	59.520	ng	97
37) 2-Methylnaphthalene	12.823	142	388027	59.825	ng	97
38) 1-Methylnaphthalene	13.040	142	358859	60.232	ng	# 94
40) 1,2,4,5-Tetrachloroben...	13.170	216	178435	61.533	ng	96
41) Hexachlorocyclopentadiene	13.123	237	113761	61.334	ng	95
43) 2,4,6-Trichlorophenol	13.405	196	124200m	61.414	ng	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.481	196	142516	61.520	ng	97
46) 1,1'-Biphenyl	13.816	154	504960	60.929	ng	98
47) 2-Chloronaphthalene	13.869	162	351496	60.376	ng	94
48) 2-Nitroaniline	14.086	65	123482	62.417	ng	89
49) Acenaphthylene	14.709	152	594339	60.443	ng	94
50) Dimethylphthalate	14.421	163	500766	61.686	ng	99
51) 2,6-Dinitrotoluene	14.562	165	90801	58.022	ng	92
52) Acenaphthene	15.044	154	361971	61.380	ng	99
53) 3-Nitroaniline	14.903	138	107241	58.672	ng	93
54) 2,4-Dinitrophenol	15.097	184	67006	63.695	ng	90
55) Dibenzofuran	15.373	168	577753	60.315	ng	98
56) 4-Nitrophenol	15.173	139	84466	60.942	ng	# 86
57) 2,4-Dinitrotoluene	15.344	165	139813	60.769	ng	# 95
58) Fluorene	16.019	166	500809	60.954	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.579	232	121467	60.947	ng	95
60) Diethylphthalate	15.767	149	540587	61.795	ng	97
61) 4-Chlorophenyl-phenyle...	16.002	204	262809	62.460	ng	95
62) 4-Nitroaniline	16.066	138	105820	56.731	ng	# 88
63) Azobenzene	16.301	77	573674	60.287	ng	99
65) 4,6-Dinitro-2-methylph...	16.090	198	91078	65.801	ng	83
66) n-Nitrosodiphenylamine	16.225	169	444024	62.506	ng	97
67) 4-Bromophenyl-phenylether	16.901	248	161701	63.267	ng	96
68) Hexachlorobenzene	16.995	284	149449	62.317	ng	93
69) Atrazine	17.159	200	120109	53.864	ng	96
70) Pentachlorophenol	17.347	266	111329	62.665	ng	# 87
71) Phenanthrene	17.770	178	772479	61.313	ng	97
72) Anthracene	17.864	178	775379	59.799	ng	97
73) Carbazole	18.140	167	657558	57.924	ng	98
74) Di-n-butylphthalate	18.640	149	801970	60.855	ng	99
75) Fluoranthene	19.762	202	868483	59.178	ng	95
77) Benzidine	19.950	184	182078	55.870	ng	97
78) Pyrene	20.126	202	782254	61.828	ng	98
80) Butylbenzylphthalate	20.984	149	321485	62.937	ng	97
81) Benzo(a)anthracene	22.036	228	767668	58.371	ng	98
82) 3,3'-Dichlorobenzidine	21.948	252	276729	57.466	ng	93
83) Chrysene	22.118	228	916538	73.361	ng	97
84) Bis(2-ethylhexyl)phtha...	21.871	149	446251	58.198	ng	97
87) Indeno(1,2,3-cd)pyrene	29.838	276	1386963	62.488	ng	# 94
88) Benzo(b)fluoranthene	24.492	252	1174498	61.344	ng	98
89) Benzo(k)fluoranthene	24.574	252	1140139m	59.475	ng	
90) Benzo(a)pyrene	25.485	252	1114343	60.207	ng	# 99
91) Dibenzo(a,h)anthracene	29.921	278	1144190	60.156	ng	# 98
92) Benzo(g,h,i)perylene	31.172	276	1099800	60.229	ng	96

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

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