

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120423\
 Data File : BG059941.D
 Acq On : 4 Dec 2023 21:26
 Operator : MA/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/06/2023

Quant Time: Dec 05 01:47:01 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Dec 05 01:36:25 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.965	152	66907	20.000	ng	0.00
21) Naphthalene-d8	10.767	136	243708	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	239758	20.000	ng	0.00
64) Phenanthrene-d10	17.348	188	836809	20.000	ng	0.00
76) Chrysene-d12	21.625	240	1332998	20.000	ng	0.00
86) Perylene-d12	24.821	264	1521300	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	406669	134.902	ng	0.00
7) Phenol-d6	7.113	99	632724	136.879	ng	0.00
23) Nitrobenzene-d5	9.128	82	833654	118.446	ng	0.00
42) 2,4,6-Tribromophenol	16.091	330	996233	116.321	ng	0.00
45) 2-Fluorobiphenyl	13.223	172	2802118	120.792	ng	0.00
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.435	88	59573	59.041	ng	95
3) Pyridine	3.828	79	192196m	65.725	ng	
4) n-Nitrosodimethylamine	3.746	42	90999	44.421	ng	# 89
6) Aniline	7.289	93	336346	67.748	ng	99
8) 2-Chlorophenol	7.524	128	201152	66.308	ng	96
10) Phenol	7.142	94	305346	66.048	ng	98
11) bis(2-Chloroethyl)ether	7.383	93	221566	76.442	ng	98
12) 1,3-Dichlorobenzene	7.847	146	295035	61.624	ng	98
13) 1,4-Dichlorobenzene	7.994	146	285218	58.714	ng	89
14) 1,2-Dichlorobenzene	8.311	146	282724	57.256	ng	96
15) Benzyl Alcohol	8.194	79	327826	61.425	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.488	45	112643	103.401	ng	95
17) 2-Methylphenol	8.394	107	212511	64.211	ng	96
18) Hexachloroethane	9.046	117	111409	53.652	ng	95
19) n-Nitroso-di-n-propyla...	8.776	70	241308	64.486	ng	# 97
20) 3+4-Methylphenols	8.729	107	299706	62.884	ng	91
22) Acetophenone	8.781	105	479084	61.174	ng	# 97
24) Nitrobenzene	9.169	77	419894	61.360	ng	97
25) Isophorone	9.692	82	705301	65.729	ng	94
26) 2-Nitrophenol	9.874	139	138694	63.702	ng	97
27) 2,4-Dimethylphenol	9.927	122	163008	61.890	ng	95
28) bis(2-Chloroethoxy)met...	10.174	93	326236	72.970	ng	# 90
29) 2,4-Dichlorophenol	10.409	162	369737	58.701	ng	95
30) 1,2,4-Trichlorobenzene	10.626	180	542660	56.834	ng	99
31) Naphthalene	10.820	128	771513	62.866	ng	99
32) Benzoic acid	10.080	122	182361m	72.809	ng	
33) 4-Chloroaniline	10.926	127	296424	64.398	ng	95
34) Hexachlorobutadiene	11.102	225	604694	53.643	ng	97
35) Caprolactam	11.713	113	74839	66.285	ng	# 83
36) 4-Chloro-3-methylphenol	12.042	107	308630	56.136	ng	99
37) 2-Methylnaphthalene	12.424	142	656519	56.051	ng	93
38) 1-Methylnaphthalene	12.648	142	644483	57.158	ng	96
40) 1,2,4,5-Tetrachloroben...	12.789	216	1106328	64.942	ng	100
41) Hexachlorocyclopentadiene	12.771	237	532976	63.494	ng	92
43) 2,4,6-Trichlorophenol	13.024	196	553333	62.702	ng	99
44) 2,4,5-Trichlorophenol	13.094	196	630371	63.827	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.435	154	1137037	66.246	ng	98
47) 2-Chloronaphthalene	13.476	162	1002251	65.349	ng	97
48) 2-Nitroaniline	13.676	65	200487	65.733	ng	97
49) Acenaphthylene	14.322	152	1330976	66.993	ng	99
50) Dimethylphthalate	14.058	163	1293692	62.586	ng	99
51) 2,6-Dinitrotoluene	14.175	165	292638	66.265	ng	93
52) Acenaphthene	14.663	154	947654m	63.632	ng	
53) 3-Nitroaniline	14.498	138	171236	64.798	ng	99
54) 2,4-Dinitrophenol	14.698	184	253784	68.430	ng	# 90
55) Dibenzofuran	14.998	168	1575099	60.106	ng	98
56) 4-Nitrophenol	14.798	139	149919	72.399	ng	# 87
57) 2,4-Dinitrotoluene	14.957	165	402084	61.353	ng	97
58) Fluorene	15.650	166	1354747	58.728	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.221	232	714536	60.376	ng	98
60) Diethylphthalate	15.427	149	1115785	63.199	ng	99
61) 4-Chlorophenyl-phenyle...	15.644	204	1258121	61.536	ng	98
62) 4-Nitroaniline	15.673	138	190995	63.110	ng	99
63) Azobenzene	15.938	77	1125046	62.328	ng	96
65) 4,6-Dinitro-2-methylph...	15.720	198	407519	63.766	ng	97
66) n-Nitrosodiphenylamine	15.861	169	1219021	67.083	ng	99
67) 4-Bromophenyl-phenylether	16.537	248	859563	53.828	ng	# 96
68) Hexachlorobenzene	16.649	284	974256	54.928	ng	97
69) Atrazine	16.807	200	531036	54.466	ng	95
70) Pentachlorophenol	16.989	266	681662	56.805	ng	97
71) Phenanthrene	17.395	178	2340753	59.668	ng	100
72) Anthracene	17.483	178	2375126	59.451	ng	99
73) Carbazole	17.753	167	1813496	61.698	ng	95
74) Di-n-butylphthalate	18.323	149	1575450	64.275	ng	98
75) Fluoranthene	19.410	202	3666578	55.014	ng	98
77) Benzidine	19.586	184	1022557	74.826	ng	96
78) Pyrene	19.410	202	3666578	50.887	ng	95
80) Butylbenzylphthalate	20.668	149	599108	61.735	ng	98
81) Benzo(a)anthracene	21.608	228	4906199	55.526	ng	93
82) 3,3'-Dichlorobenzidine	21.525	252	1748108	60.560	ng	# 99
83) Chrysene	21.672	228	4644296	55.515	ng	92
84) Bis(2-ethylhexyl)phtha...	21.525	149	926272	65.433	ng	98
85) Di-n-octyl phthalate	22.742	149	1604278	63.598	ng	99
87) Indeno(1,2,3-cd)pyrene	28.476	276	6189600	54.994	ng	# 99
88) Benzo(b)fluoranthene	23.811	252	5575946	57.349	ng	# 97
89) Benzo(k)fluoranthene	23.881	252	5421176	57.781	ng	# 96
90) Benzo(a)pyrene	24.675	252	5036388	60.524	ng	# 96
91) Dibenzo(a,h)anthracene	28.541	278	5159288	53.697	ng	97
92) Benzo(g,h,i)perylene	29.622	276	5036818	55.525	ng	97

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

