

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061323\
 Data File : BM040223.D
 Acq On : 13 Jun 2023 13:38
 Operator : MA/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 13 19:01:49 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061323.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jun 13 18:52:59 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	446527	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	1855649	20.000	ng	0.00
39) Acenaphthene-d10	14.621	164	1089677	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	2233836	20.000	ng	0.00
76) Chrysene-d12	21.545	240	2184117	20.000	ng	0.00
86) Perylene-d12	23.980	264	2294908	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	3354825	116.489	ng	0.00
7) Phenol-d6	7.145	99	4657131	118.609	ng	0.00
23) Nitrobenzene-d5	9.151	82	4471541	126.179	ng	0.00
42) 2,4,6-Tribromophenol	16.110	330	1998028	131.440	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	9746229	122.769	ng	0.00
79) Terphenyl-d14	19.980	244	12877529	114.564	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	640987	55.728	ng	99
3) Pyridine	3.799	79	1970140m	60.617	ng	
4) n-Nitrosodimethylamine	3.710	42	864114	58.596	ng	98
6) Aniline	7.304	93	2902461	60.226	ng	99
8) 2-Chlorophenol	7.545	128	1839642	60.027	ng	98
9) Benzaldehyde	7.116	77	1091369	49.865	ng	99
10) Phenol	7.169	94	2296371	59.780	ng	99
11) bis(2-Chloroethyl)ether	7.404	93	1889231	59.308	ng	99
12) 1,3-Dichlorobenzene	7.869	146	1854514	58.611	ng	99
13) 1,4-Dichlorobenzene	8.016	146	1887364	58.917	ng	99
14) 1,2-Dichlorobenzene	8.334	146	1836295	58.626	ng	99
15) Benzyl Alcohol	8.222	79	1736538	61.666	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.510	45	2580593	58.656	ng	99
17) 2-Methylphenol	8.428	107	1709115	60.655	ng	99
18) Hexachloroethane	9.069	117	712622	60.299	ng	97
19) n-Nitroso-di-n-propyla...	8.798	70	1603598	60.802	ng	99
20) 3+4-Methylphenols	8.763	107	2351951	61.020	ng	100
22) Acetophenone	8.810	105	2994918	62.004	ng	# 99
24) Nitrobenzene	9.192	77	2266346	62.311	ng	100
25) Isophorone	9.728	82	4341000	63.046	ng	100
26) 2-Nitrophenol	9.904	139	1035015	66.588	ng	99
27) 2,4-Dimethylphenol	9.969	122	1796398	62.151	ng	99
28) bis(2-Chloroethoxy)met...	10.204	93	2653619	61.314	ng	100
29) 2,4-Dichlorophenol	10.439	162	1743965	63.689	ng	99
30) 1,2,4-Trichlorobenzene	10.657	180	1720508	61.656	ng	99
31) Naphthalene	10.845	128	6058169	60.767	ng	99
32) Benzoic acid	10.139	122	1464446	62.189	ng	99
33) 4-Chloroaniline	10.957	127	2787539	62.510	ng	100
34) Hexachlorobutadiene	11.128	225	976652	62.258	ng	99
35) Caprolactam	11.769	113	624238	65.417	ng	98
36) 4-Chloro-3-methylphenol	12.080	107	1984413	62.477	ng	100
37) 2-Methylnaphthalene	12.451	142	4298264	60.812	ng	99
38) 1-Methylnaphthalene	12.669	142	4073160	61.015	ng	99
40) 1,2,4,5-Tetrachloroben...	12.816	216	1936817	63.921	ng	100
41) Hexachlorocyclopentadiene	12.798	237	1127082	67.620	ng	99
43) 2,4,6-Trichlorophenol	13.057	196	1375844	65.479	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.127	196	1625282	64.932	ng	99
46) 1,1'-Biphenyl	13.457	154	5287850	61.480	ng	99
47) 2-Chloronaphthalene	13.504	162	3977819	62.452	ng	98
48) 2-Nitroaniline	13.704	65	1420598	67.656	ng	97
49) Acenaphthylene	14.345	152	6658839	62.673	ng	99
50) Dimethylphthalate	14.086	163	5326986	61.435	ng	100
51) 2,6-Dinitrotoluene	14.204	165	1140199	64.627	ng	98
52) Acenaphthene	14.686	154	4022588	62.057	ng	99
53) 3-Nitroaniline	14.533	138	1378972	65.790	ng	99
54) 2,4-Dinitrophenol	14.733	184	674286	61.224	ng	94
55) Dibenzofuran	15.021	168	6278427	61.230	ng	99
56) 4-Nitrophenol	14.833	139	1101563	67.237	ng	97
57) 2,4-Dinitrotoluene	14.986	165	1564915	65.819	ng	98
58) Fluorene	15.668	166	5156570	61.767	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.245	232	1298478	63.775	ng	99
60) Diethylphthalate	15.445	149	5493444	61.657	ng	99
61) 4-Chlorophenyl-phenyle...	15.657	204	2600093	63.325	ng	98
62) 4-Nitroaniline	15.698	138	1442310	66.966	ng	98
63) Azobenzene	15.957	77	5608136	62.679	ng	98
65) 4,6-Dinitro-2-methylph...	15.745	198	898356	67.077	ng	97
66) n-Nitrosodiphenylamine	15.874	169	4457538	63.235	ng	99
67) 4-Bromophenyl-phenylether	16.557	248	1504407	64.331	ng	95
68) Hexachlorobenzene	16.668	284	1655230	64.076	ng	99
69) Atrazine	16.827	200	1349568	63.971	ng	99
70) Pentachlorophenol	17.015	266	1256468	67.843	ng	99
71) Phenanthrene	17.410	178	7745913	62.315	ng	99
72) Anthracene	17.498	178	7999818	63.733	ng	99
73) Carbazole	17.768	167	7452157	63.102	ng	99
74) Di-n-butylphthalate	18.327	149	9580178	65.403	ng	99
75) Fluoranthene	19.421	202	8865691	64.351	ng	99
77) Benzidine	19.603	184	2342295	57.747	ng	99
78) Pyrene	19.780	202	9426820	62.920	ng	99
80) Butylbenzylphthalate	20.674	149	4482184	65.319	ng	98
81) Benzo(a)anthracene	21.527	228	9522431	63.994	ng	99
82) 3,3'-Dichlorobenzidine	21.462	252	3391977	66.561	ng	99
83) Chrysene	21.586	228	8959666	63.626	ng	98
84) Bis(2-ethylhexyl)phtha...	21.450	149	6626490	63.811	ng	98
85) Di-n-octyl phthalate	22.386	149	11405773	65.755	ng	100
87) Indeno(1,2,3-cd)pyrene	26.532	276	10205707	67.136	ng	99
88) Benzo(b)fluoranthene	23.239	252	8881625	64.657	ng	99
89) Benzo(k)fluoranthene	23.291	252	9382931	66.418	ng	98
90) Benzo(a)pyrene	23.874	252	8642719	66.326	ng	99
91) Dibenzo(a,h)anthracene	26.544	278	8841925	68.395	ng	99
92) Benzo(g,h,i)perylene	27.309	276	7614438	65.809	ng	99

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

