

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020824\
 Data File : BM044025.D
 Acq On : 08 Feb 2024 16:56
 Operator : MA/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024

Supervised By :mohammad ahmed 02/09/2024

Quant Time: Feb 09 02:38:08 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Feb 09 02:29:56 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	355745	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1447794	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	812276	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	1624499	20.000	ng	0.00
76) Chrysene-d12	21.510	240	1288041	20.000	ng	0.00
86) Perylene-d12	23.904	264	1548698	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	2932944	119.911	ng	0.00
7) Phenol-d6	7.081	99	3731366	119.899	ng	0.00
23) Nitrobenzene-d5	9.087	82	3302888	121.055	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	1116996	127.007	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	6601132	114.694	ng	0.00
79) Terphenyl-d14	19.945	244	8200526	111.610	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	579911	59.741	ng	99
3) Pyridine	3.781	79	1576540m	61.475	ng	
4) n-Nitrosodimethylamine	3.705	42	609944	62.727	ng	100
6) Aniline	7.246	93	1873753	61.236	ng	100
8) 2-Chlorophenol	7.475	128	1527204	59.792	ng	97
9) Benzaldehyde	7.058	77	893550	55.872	ng	99
10) Phenol	7.110	94	1898266	60.439	ng	98
11) bis(2-Chloroethyl)ether	7.352	93	1572854	60.473	ng	97
12) 1,3-Dichlorobenzene	7.799	146	1725548	59.502	ng	100
13) 1,4-Dichlorobenzene	7.946	146	1733686	59.308	ng	100
14) 1,2-Dichlorobenzene	8.263	146	1641404	58.930	ng	99
15) Benzyl Alcohol	8.157	79	1227449	60.575	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.446	45	1943940	58.958	ng	100
17) 2-Methylphenol	8.357	107	1248949	60.578	ng	98
18) Hexachloroethane	8.981	117	659663	60.270	ng	97
19) n-Nitroso-di-n-propyla...	8.734	70	1107782	57.970	ng	97
20) 3+4-Methylphenols	8.693	107	1719212	60.586	ng	99
22) Acetophenone	8.746	105	2205110	60.005	ng	99
24) Nitrobenzene	9.128	77	1695415	60.681	ng	96
25) Isophorone	9.652	82	3211681	61.132	ng	99
26) 2-Nitrophenol	9.828	139	841999	65.000	ng	99
27) 2,4-Dimethylphenol	9.893	122	1029494	62.154	ng	99
28) bis(2-Chloroethoxy)met...	10.140	93	2058070	60.572	ng	100
29) 2,4-Dichlorophenol	10.363	162	1371218	62.879	ng	100
30) 1,2,4-Trichlorobenzene	10.575	180	1492653	60.871	ng	100
31) Naphthalene	10.763	128	4777531	59.790	ng	100
32) Benzoic acid	10.057	122	1118974	67.064	ng	99
33) 4-Chloroaniline	10.887	127	1865942	61.669	ng	99
34) Hexachlorobutadiene	11.040	225	850058	60.564	ng	100
35) Caprolactam	11.693	113	460552	65.630	ng	93
36) 4-Chloro-3-methylphenol	12.010	107	1470694	62.281	ng	99
37) 2-Methylnaphthalene	12.375	142	3152562	59.230	ng	97
38) 1-Methylnaphthalene	12.598	142	3102723	59.324	ng	100
40) 1,2,4,5-Tetrachloroben...	12.740	216	1445819	61.237	ng	100
41) Hexachlorocyclopentadiene	12.710	237	654549	63.525	ng	100
43) 2,4,6-Trichlorophenol	12.987	196	1013810	63.095	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	1123615	63.722	ng	99
46) 1,1'-Biphenyl	13.392	154	3830393	59.761	ng	99
47) 2-Chloronaphthalene	13.434	162	3067519	60.417	ng	100
48) 2-Nitroaniline	13.645	65	921803	64.537	ng	98
49) Acenaphthylene	14.281	152	4596683	60.685	ng	100
50) Dimethylphthalate	14.028	163	3650386	60.612	ng	100
51) 2,6-Dinitrotoluene	14.151	165	839273	63.163	ng	98
52) Acenaphthene	14.622	154	2785578	59.420	ng	99
53) 3-Nitroaniline	14.475	138	938146	65.697	ng	98
54) 2,4-Dinitrophenol	14.681	184	481977	61.790	ng	94
55) Dibenzofuran	14.957	168	4286570	59.077	ng	99
56) 4-Nitrophenol	14.775	139	791634	68.195	ng	100
57) 2,4-Dinitrotoluene	14.934	165	1128432	64.977	ng	97
58) Fluorene	15.604	166	3193546	56.958	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.181	232	858029	62.013	ng	100
60) Diethylphthalate	15.392	149	3788356	60.865	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	1548744	57.006	ng	99
62) 4-Nitroaniline	15.639	138	954926	66.433	ng	99
63) Azobenzene	15.898	77	3558035	60.930	ng	100
65) 4,6-Dinitro-2-methylph...	15.692	198	634615	65.558	ng	95
66) n-Nitrosodiphenylamine	15.828	169	2917591	59.115	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	986064	61.394	ng	98
68) Hexachlorobenzene	16.598	284	1164815	59.204	ng	99
69) Atrazine	16.780	200	704080	52.685	ng	99
70) Pentachlorophenol	16.951	266	804915	62.889	ng	99
71) Phenanthrene	17.351	178	5020216	58.522	ng	99
72) Anthracene	17.439	178	5056577	59.541	ng	100
73) Carbazole	17.716	167	4947179	59.899	ng	100
74) Di-n-butylphthalate	18.292	149	6630919	61.766	ng	100
75) Fluoranthene	19.369	202	5800069	60.191	ng	100
77) Benzidine	19.563	184	1422583	71.070	ng	99
78) Pyrene	19.733	202	6074511	61.235	ng	100
80) Butylbenzylphthalate	20.651	149	2900555	65.780	ng	98
81) Benzo(a)anthracene	21.492	228	5461906	60.962	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	1805613	61.422	ng	99
83) Chrysene	21.545	228	5140132	60.725	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	4025835	61.879	ng	100
85) Di-n-octyl phthalate	22.380	149	7525324	66.230	ng	100
87) Indeno(1,2,3-cd)pyrene	26.397	276	6695108	61.080	ng	99
88) Benzo(b)fluoranthene	23.174	252	5951081	61.471	ng	99
89) Benzo(k)fluoranthene	23.227	252	5411591	58.827	ng	100
90) Benzo(a)pyrene	23.798	252	5212395	61.641	ng	100
91) Dibenzo(a,h)anthracene	26.427	278	5531616	60.332	ng	98
92) Benzo(g,h,i)perylene	27.162	276	5733908	61.665	ng	100

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

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