

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032923\
 Data File : BM039207.D
 Acq On : 29 Mar 2023 16:00
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/30/2023
 Supervised By : Jagrut Upadhyay 03/30/2023

Quant Time: Mar 30 04:49:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 30 04:40:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	228711	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	833576	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	484954	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	939358	20.000	ng	0.00
76) Chrysene-d12	21.509	240	861393	20.000	ng	0.00
86) Perylene-d12	23.921	264	966111	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	2256262	148.628	ng	0.00
7) Phenol-d6	7.104	99	2923386	148.887	ng	0.00
23) Nitrobenzene-d5	9.104	82	2716927	158.413	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	970731	157.688	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	5399465	150.856	ng	0.00
79) Terphenyl-d14	19.950	244	6914517	148.306	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.357	88	458747	73.932	ng	99
3) Pyridine	3.763	79	1329235m	77.443	ng	
4) n-Nitrosodimethylamine	3.675	42	506437	74.182	ng	98
6) Aniline	7.257	93	1826904	75.176	ng	100
8) 2-Chlorophenol	7.492	128	1149374	73.974	ng	98
9) Benzaldehyde	7.069	77	726178	64.942	ng	99
10) Phenol	7.128	94	1468436	74.627	ng	99
11) bis(2-Chloroethyl)ether	7.357	93	1176156	74.301	ng	99
12) 1,3-Dichlorobenzene	7.816	146	1217087	73.862	ng	100
13) 1,4-Dichlorobenzene	7.963	146	1227576	73.678	ng	99
14) 1,2-Dichlorobenzene	8.286	146	1172020	73.565	ng	99
15) Benzyl Alcohol	8.175	79	1027714	76.099	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.469	45	1492297	73.663	ng	99
17) 2-Methylphenol	8.381	107	1025318	74.478	ng	100
18) Hexachloroethane	9.010	117	474199	73.577	ng	99
19) n-Nitroso-di-n-propyla...	8.751	70	917310	73.084	ng	99
20) 3+4-Methylphenols	8.716	107	1394920	75.405	ng	99
22) Acetophenone	8.763	105	1749181	78.482	ng	99
24) Nitrobenzene	9.145	77	1353661	79.351	ng	100
25) Isophorone	9.675	82	2527068	78.981	ng	99
26) 2-Nitrophenol	9.857	139	650629	82.506	ng	96
27) 2,4-Dimethylphenol	9.916	122	1047586	79.953	ng	99
28) bis(2-Chloroethoxy)met...	10.157	93	1522067	78.584	ng	100
29) 2,4-Dichlorophenol	10.392	162	1032361	80.755	ng	99
30) 1,2,4-Trichlorobenzene	10.604	180	1073360	78.482	ng	99
31) Naphthalene	10.792	128	3502621	77.981	ng	100
32) Benzoic acid	10.098	122	883646	86.529	ng	100
33) 4-Chloroaniline	10.904	127	1561119	79.334	ng	99
34) Hexachlorobutadiene	11.075	225	629264	78.247	ng	100
35) Caprolactam	11.722	113	355542	80.099	ng	97
36) 4-Chloro-3-methylphenol	12.039	107	1116538	79.161	ng	99
37) 2-Methylnaphthalene	12.404	142	2423388	77.503	ng	100
38) 1-Methylnaphthalene	12.621	142	2266327	77.407	ng	100
40) 1,2,4,5-Tetrachloroben...	12.769	216	1149551	77.856	ng	100
41) Hexachlorocyclopentadiene	12.745	237	694095	86.048	ng	98
43) 2,4,6-Trichlorophenol	13.010	196	809280	80.369	ng	98

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44) 2,4,5-Trichlorophenol	13.086	196	940053	79.634	ng	98
46) 1,1'-Biphenyl	13.410	154	2961171	77.324	ng	99
47) 2-Chloronaphthalene	13.457	162	2278210	78.569	ng	99
48) 2-Nitroaniline	13.663	65	789597	80.919	ng	98
49) Acenaphthylene	14.298	152	3696973	77.575	ng	99
50) Dimethylphthalate	14.039	163	2861481	76.564	ng	100
51) 2,6-Dinitrotoluene	14.157	165	641830	79.858	ng	97
52) Acenaphthene	14.639	154	2192997	77.930	ng	100
53) 3-Nitroaniline	14.492	138	761644	81.975	ng	99
54) 2,4-Dinitrophenol	14.698	184	422769	88.823	ng	96
55) Dibenzofuran	14.974	168	3499820	77.250	ng	100
56) 4-Nitrophenol	14.798	139	606043	84.876	ng	96
57) 2,4-Dinitrotoluene	14.945	165	890170	81.875	ng	96
58) Fluorene	15.627	166	2743949	76.487	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.204	232	752868	80.169	ng	99
60) Diethylphthalate	15.398	149	2916276	77.524	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	1355719	76.252	ng	99
62) 4-Nitroaniline	15.657	138	787165	82.558	ng	98
63) Azobenzene	15.909	77	2950506	78.286	ng	99
65) 4,6-Dinitro-2-methylph...	15.709	198	545980	88.349	ng	95
66) n-Nitrosodiphenylamine	15.833	169	2413005	81.518	ng	100
67) 4-Bromophenyl-phenylether	16.509	248	814826	81.224	ng	98
68) Hexachlorobenzene	16.627	284	865387	79.558	ng	98
69) Atrazine	16.786	200	748957	79.887	ng	99
70) Pentachlorophenol	16.974	266	670948	85.975	ng	100
71) Phenanthrene	17.368	178	4020070	78.140	ng	100
72) Anthracene	17.456	178	4153935	79.184	ng	99
73) Carbazole	17.733	167	3853722	78.616	ng	100
74) Di-n-butylphthalate	18.292	149	4837358	79.776	ng	100
75) Fluoranthene	19.380	202	4538208	77.383	ng	99
77) Benzidine	19.568	184	1648604	72.560	ng	100
78) Pyrene	19.745	202	4732140	77.169	ng	100
80) Butylbenzylphthalate	20.639	149	2251039	80.127	ng	99
81) Benzo(a)anthracene	21.491	228	4767024	78.468	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	1547629	76.473	ng	99
83) Chrysene	21.544	228	4554921	77.667	ng	99
84) Bis(2-ethylhexyl)phtha...	21.415	149	3241764	78.131	ng	99
85) Di-n-octyl phthalate	22.344	149	5847843	78.228	ng	100
87) Indeno(1,2,3-cd)pyrene	26.456	276	5641900	79.259	ng	100
88) Benzo(b)fluoranthene	23.191	252	4724426	79.920	ng	99
89) Benzo(k)fluoranthene	23.238	252	4670220	77.561	ng	99
90) Benzo(a)pyrene	23.821	252	4610073	79.386	ng	100
91) Dibenzo(a,h)anthracene	26.468	278	4694427	78.540	ng	99
92) Benzo(g,h,i)perylene	27.226	276	4671983	79.481	ng	100

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

