

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103023\
 Data File : BM042493.D
 Acq On : 30 Oct 2023 14:05
 Operator : MA/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

Quant Time: Oct 30 19:07:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 16:44:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	82473	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	357006	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	219397	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	484954	20.000	ng	0.00
76) Chrysene-d12	21.509	240	444786	20.000	ng	0.00
86) Perylene-d12	23.933	264	441951	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	512386	100.267	ng	0.00
7) Phenol-d6	7.099	99	707371	100.931	ng	0.00
23) Nitrobenzene-d5	9.134	82	767555	100.224	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	286745	100.106	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	1594632	97.802	ng	0.00
79) Terphenyl-d14	19.945	244	2765135	105.412	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	117467	48.233	ng	98
3) Pyridine	3.758	79	345226	50.361	ng	99
4) n-Nitrosodimethylamine	3.675	42	166539	49.535	ng	99
6) Aniline	7.275	93	451656	50.699	ng	99
8) 2-Chlorophenol	7.487	128	278138	50.477	ng	99
9) Benzaldehyde	7.093	77	187745	46.480	ng	97
10) Phenol	7.128	94	358208	50.325	ng	99
11) bis(2-Chloroethyl)ether	7.375	93	298414	49.557	ng	98
12) 1,3-Dichlorobenzene	7.810	146	291514	48.951	ng	97
13) 1,4-Dichlorobenzene	7.963	146	297619	49.381	ng	98
14) 1,2-Dichlorobenzene	8.275	146	286347	49.210	ng	98
15) Benzyl Alcohol	8.198	79	262423m	52.889	ng	
16) 2,2'-oxybis(1-Chloropr...	8.463	45	472493m	49.105	ng	
17) 2-Methylphenol	8.381	107	256795	50.952	ng	99
18) Hexachloroethane	8.992	117	117421	49.792	ng	99
19) n-Nitroso-di-n-propyla...	8.757	70	261971	52.839	ng	99
20) 3+4-Methylphenols	8.716	107	348018	51.648	ng	99
22) Acetophenone	8.787	105	443980	49.310	ng	99
24) Nitrobenzene	9.175	77	374654	49.668	ng	100
25) Isophorone	9.698	82	681915	50.307	ng	100
26) 2-Nitrophenol	9.875	139	149012	46.568	ng	100
27) 2,4-Dimethylphenol	9.922	122	259405	49.623	ng	100
28) bis(2-Chloroethoxy)met...	10.175	93	408582	50.032	ng	100
29) 2,4-Dichlorophenol	10.398	162	263427	51.340	ng	98
30) 1,2,4-Trichlorobenzene	10.598	180	275942	49.073	ng	98
31) Naphthalene	10.798	128	898440	48.709	ng	100
32) Benzoic acid	10.087	122	202014	47.906	ng	99
33) 4-Chloroaniline	10.945	127	373590	51.945	ng	98
34) Hexachlorobutadiene	11.022	225	169129	49.539	ng	99
35) Caprolactam	11.810	113	91326	50.659	ng	96
36) 4-Chloro-3-methylphenol	12.051	107	299720	51.327	ng	98
37) 2-Methylnaphthalene	12.404	142	641726	49.401	ng	98
38) 1-Methylnaphthalene	12.622	142	606364	49.592	ng	99
40) 1,2,4,5-Tetrachloroben...	12.757	216	322843	49.256	ng	99
41) Hexachlorocyclopentadiene	12.698	237	170315	45.823	ng	97
43) 2,4,6-Trichlorophenol	13.016	196	211835	50.460	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.086	196	251013	50.246	ng	97
46) 1,1'-Biphenyl	13.416	154	820439	48.920	ng	99
47) 2-Chloronaphthalene	13.463	162	601701	48.905	ng	99
48) 2-Nitroaniline	13.704	65	230874	46.658	ng	98
49) Acenaphthylene	14.310	152	1017828	49.951	ng	99
50) Dimethylphthalate	14.051	163	807226	49.227	ng	99
51) 2,6-Dinitrotoluene	14.192	165	172653	51.088	ng	98
52) Acenaphthene	14.645	154	611656	49.461	ng	98
53) 3-Nitroaniline	14.539	138	176765	46.765	ng	100
54) 2,4-Dinitrophenol	14.733	184	102345	46.292	ng	98
55) Dibenzofuran	14.980	168	992375	49.356	ng	99
56) 4-Nitrophenol	14.833	139	132871	46.460	ng	99
57) 2,4-Dinitrotoluene	14.974	165	238219	46.638	ng	98
58) Fluorene	15.627	166	807320	49.626	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	211369	50.233	ng	100
60) Diethylphthalate	15.398	149	832888	50.135	ng	100
61) 4-Chlorophenyl-phenyle...	15.616	204	409716	49.852	ng	99
62) 4-Nitroaniline	15.698	138	156766	46.513	ng	98
63) Azobenzene	15.916	77	938253	51.252	ng	98
65) 4,6-Dinitro-2-methylph...	15.721	198	146933	47.236	ng	96
66) n-Nitrosodiphenylamine	15.845	169	683698	50.000	ng	99
67) 4-Bromophenyl-phenylether	16.516	248	241416	49.785	ng	98
68) Hexachlorobenzene	16.598	284	265572	49.504	ng	96
69) Atrazine	16.798	200	195296	49.428	ng	100
70) Pentachlorophenol	16.963	266	197922	50.183	ng	99
71) Phenanthrene	17.374	178	1250487	49.342	ng	99
72) Anthracene	17.463	178	1263212	50.323	ng	100
73) Carbazole	17.751	167	1092285	53.488	ng	100
74) Di-n-butylphthalate	18.274	149	1478109	51.543	ng	100
75) Fluoranthene	19.386	202	1497895	50.316	ng	99
77) Benzidine	19.604	184	189621m	44.500	ng	
78) Pyrene	19.751	202	1587632	51.982	ng	99
80) Butylbenzylphthalate	20.633	149	695315	53.303	ng	98
81) Benzo(a)anthracene	21.492	228	1419045	50.144	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	453992	50.477	ng	99
83) Chrysene	21.551	228	1407032	48.946	ng	100
84) Bis(2-ethylhexyl)phtha...	21.380	149	985420	49.985	ng	99
85) Di-n-octyl phthalate	22.309	149	1682992	49.597	ng	100
87) Indeno(1,2,3-cd)pyrene	26.468	276	1389230	52.815	ng	98
88) Benzo(b)fluoranthene	23.186	252	1272006	51.661	ng	100
89) Benzo(k)fluoranthene	23.233	252	1370378	49.947	ng	100
90) Benzo(a)pyrene	23.821	252	1241987	51.235	ng	99
91) Dibenzo(a,h)anthracene	26.485	278	1126493	46.529	ng	97
92) Benzo(g,h,i)perylene	27.256	276	1193047	51.462	ng	100

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

