

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050025.D
 Acq On : 28 Apr 2025 13:09
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/29/2025
 Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:53:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	222427	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	815362	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	578294	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1183325	20.000	ng	0.00
76) Chrysene-d12	21.403	240	1136162	20.000	ng	0.00
86) Perylene-d12	24.403	264	1149910	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	119473	9.406	ng	0.00
7) Phenol-d6	6.957	99	143453	8.985	ng	0.00
23) Nitrobenzene-d5	8.928	82	157222	9.502	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	73192	8.560	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	459031	9.390	ng	0.00
79) Terphenyl-d14	19.780	244	668289	8.704	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	28163	5.171	ng	98
3) Pyridine	3.669	79	66766	4.771	ng	98
4) n-Nitrosodimethylamine	3.575	42	27060	4.930	ng	# 92
6) Aniline	7.098	93	92126	4.570	ng	97
8) 2-Chlorophenol	7.345	128	64999	4.733	ng	99
9) Benzaldehyde	6.916	77	52286m	4.900	ng	
10) Phenol	6.987	94	75011	4.641	ng	99
11) bis(2-Chloroethyl)ether	7.192	93	67447	4.998	ng	98
12) 1,3-Dichlorobenzene	7.657	146	82466	4.971	ng	98
13) 1,4-Dichlorobenzene	7.804	146	84400	5.064	ng	97
14) 1,2-Dichlorobenzene	8.122	146	78966	4.905	ng	99
15) Benzyl Alcohol	8.022	79	48180	4.352	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.298	45	82711	5.042	ng	93
17) 2-Methylphenol	8.234	107	47632	4.474	ng	99
18) Hexachloroethane	8.845	117	30717	5.185	ng	97
19) n-Nitroso-di-n-propyla...	8.575	70	49455	4.830	ng	98
20) 3+4-Methylphenols	8.575	107	63223	4.397	ng	# 91
22) Acetophenone	8.598	105	98358	4.852	ng	98
24) Nitrobenzene	8.975	77	68598	4.795	ng	94
25) Isophorone	9.498	82	135828	4.816	ng	98
26) 2-Nitrophenol	9.692	139	30257	4.140	ng	95
27) 2,4-Dimethylphenol	9.763	122	53660	4.427	ng	99
28) bis(2-Chloroethoxy)met...	9.986	93	82947	4.758	ng	99
29) 2,4-Dichlorophenol	10.263	162	59828	4.406	ng	97
30) 1,2,4-Trichlorobenzene	10.428	180	81624	4.934	ng	97
31) Naphthalene	10.616	128	204133	4.944	ng	98
33) 4-Chloroaniline	10.751	127	73542	4.345	ng	97
34) Hexachlorobutadiene	10.898	225	51529	4.907	ng	98
35) Caprolactam	11.522	113	18349m	4.634	ng	
36) 4-Chloro-3-methylphenol	11.886	107	58843	4.690	ng	97
37) 2-Methylnaphthalene	12.233	142	133679	4.829	ng	97
38) 1-Methylnaphthalene	12.451	142	143332	4.892	ng	99
40) 1,2,4,5-Tetrachloroben...	12.604	216	90168	4.504	ng	98
43) 2,4,6-Trichlorophenol	12.863	196	53748	4.233	ng	96
44) 2,4,5-Trichlorophenol	12.951	196	59224	4.325	ng	98
46) 1,1'-Biphenyl	13.245	154	206296	4.799	ng	98

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47) 2-Chloronaphthalene	13.286	162	162803	4.782	ng	98
48) 2-Nitroaniline	13.504	65	34348	4.299	ng	91
49) Acenaphthylene	14.133	152	259406	4.832	ng	100
50) Dimethylphthalate	13.869	163	208800	4.941	ng	100
51) 2,6-Dinitrotoluene	13.992	165	38453	4.395	ng	94
52) Acenaphthene	14.474	154	150042	4.829	ng	99
53) 3-Nitroaniline	14.339	138	33713	4.036	ng	# 94
55) Dibenzofuran	14.816	168	252898	4.892	ng	99
57) 2,4-Dinitrotoluene	14.798	165	48901	4.044	ng	# 87
58) Fluorene	15.463	166	200542	4.739	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.057	232	52899	4.463	ng	97
60) Diethylphthalate	15.233	149	198362	4.981	ng	98
61) 4-Chlorophenyl-phenyle...	15.457	204	107081	4.607	ng	94
62) 4-Nitroaniline	15.515	138	30138m	3.737	ng	
63) Azobenzene	15.751	77	161662	4.844	ng	98
66) n-Nitrosodiphenylamine	15.674	169	171608	4.723	ng	97
67) 4-Bromophenyl-phenylether	16.351	248	66000	4.612	ng	95
68) Hexachlorobenzene	16.468	284	78506	4.759	ng	99
69) Atrazine	16.627	200	58110	4.433	ng	99
71) Phenanthrene	17.198	178	317954	4.764	ng	99
72) Anthracene	17.292	178	314149	4.651	ng	99
73) Carbazole	17.574	167	268774	4.586	ng	99
74) Di-n-butylphthalate	18.127	149	327178	4.688	ng	100
75) Fluoranthene	19.221	202	348593	4.449	ng	99
78) Pyrene	19.586	202	366473	4.593	ng	99
80) Butylbenzylphthalate	20.480	149	138827	4.646	ng	97
81) Benzo(a)anthracene	21.380	228	363641	4.648	ng	99
82) 3,3'-Dichlorobenzidine	21.315	252	123375	4.119	ng	# 95
83) Chrysene	21.445	228	343085	4.738	ng	98
84) Bis(2-ethylhexyl)phtha...	21.297	149	206231	4.620	ng	96
85) Di-n-octyl phthalate	22.427	149	346799	4.711	ng	98
87) Indeno(1,2,3-cd)pyrene	27.803	276	373944	4.364	ng	# 87
88) Benzo(b)fluoranthene	23.456	252	324395	4.338	ng	99
89) Benzo(k)fluoranthene	23.515	252	350374m	4.631	ng	
90) Benzo(a)pyrene	24.262	252	314608	4.492	ng	98
91) Dibenzo(a,h)anthracene	27.856	278	303557	4.346	ng	98
92) Benzo(g,h,i)perylene	28.862	276	306571	4.585	ng	98

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

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