

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
 Data File : BM049822.D
 Acq On : 04 Apr 2025 14:04
 Operator : RC/JU
 Sample : Q1694-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-18MS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 04/07/2025
 Supervised By :Jagrut Upadhyay 04/07/2025

Quant Time: Apr 04 14:47:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	258657	20.000	ng	-0.02
21) Naphthalene-d8	10.580	136	925848	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	615156	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1270321	20.000	ng	-0.02
76) Chrysene-d12	21.409	240	1433254	20.000	ng	-0.02
86) Perylene-d12	24.409	264	1441625	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1966894	128.309	ng	-0.02
7) Phenol-d6	6.963	99	2517108	130.843	ng	-0.02
23) Nitrobenzene-d5	8.939	82	1412428	78.324	ng	-0.02
42) 2,4,6-Tribromophenol	15.915	330	1218062	169.571	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	3713115	75.594	ng	-0.02
79) Terphenyl-d14	19.792	244	6946402	81.671	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	312345	47.068	ng	95
3) Pyridine	3.669	79	864380	51.003	ng	98
4) n-Nitrosodimethylamine	3.575	42	356064	47.483	ng	89
6) Aniline	7.110	93	1146835	71.157	ng	97
8) 2-Chlorophenol	7.351	128	922525	60.771	ng	98
9) Benzaldehyde	6.922	77	529446	55.671	ng	95
10) Phenol	6.986	94	1155813	61.962	ng	93
11) bis(2-Chloroethyl)ether	7.210	93	841986	55.741	ng	97
12) 1,3-Dichlorobenzene	7.675	146	1022361	55.418	ng	98
13) 1,4-Dichlorobenzene	7.822	146	1037583	55.750	ng	99
14) 1,2-Dichlorobenzene	8.139	146	997894	56.418	ng	98
15) Benzyl Alcohol	8.028	79	762308	63.144	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.316	45	975324m	54.936	ng	
17) 2-Methylphenol	8.233	107	733627	66.244	ng	97
18) Hexachloroethane	8.869	117	357551	54.402	ng	92
19) n-Nitroso-di-n-propyla...	8.592	70	638798	57.265	ng	97
20) 3+4-Methylphenols	8.563	107	990950	66.770	ng	98
22) Acetophenone	8.604	105	1276254	53.462	ng	# 97
24) Nitrobenzene	8.986	77	908876	53.451	ng	94
25) Isophorone	9.516	82	1730883	62.516	ng	98
26) 2-Nitrophenol	9.698	139	482584	66.681	ng	94
27) 2,4-Dimethylphenol	9.763	122	790897	85.854	ng	95
28) bis(2-Chloroethoxy)met...	9.992	93	1090984	55.946	ng	99
29) 2,4-Dichlorophenol	10.233	162	925120	61.630	ng	98
30) 1,2,4-Trichlorobenzene	10.445	180	1013091	53.943	ng	100
31) Naphthalene	10.633	128	2593610	54.479	ng	100
32) Benzoic acid	9.898	122	619733	79.103	ng	97
33) 4-Chloroaniline	10.739	127	703018	43.269	ng	98
34) Hexachlorobutadiene	10.922	225	617267	53.240	ng	99
35) Caprolactam	11.521	113	276083	79.219	ng	91
36) 4-Chloro-3-methylphenol	11.874	107	845912	65.667	ng	98
37) 2-Methylnaphthalene	12.245	142	1735698	52.140	ng	99
38) 1-Methylnaphthalene	12.468	142	1824784	56.815	ng	99
40) 1,2,4,5-Tetrachloroben...	12.616	216	1174176	51.964	ng	99
41) Hexachlorocyclopentadiene	12.604	237	1536993	183.608	ng	98
43) 2,4,6-Trichlorophenol	12.857	196	785627	62.079	ng	98

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44) 2,4,5-Trichlorophenol	12.933	196	857090	62.063	ng	98
46) 1,1'-Biphenyl	13.263	154	2555863	53.909	ng	99
47) 2-Chloronaphthalene	13.304	162	2025871	54.897	ng	100
48) 2-Nitroaniline	13.504	65	523464	63.188	ng	94
49) Acenaphthylene	14.151	152	3219220	62.409	ng	100
50) Dimethylphthalate	13.886	163	2525092	59.620	ng	100
51) 2,6-Dinitrotoluene	13.998	165	539942	63.625	ng	94
52) Acenaphthene	14.492	154	1905929	56.330	ng	98
53) 3-Nitroaniline	14.327	138	406842	50.379	ng	98
54) 2,4-Dinitrophenol	14.539	184	724794	114.154	ng	90
55) Dibenzofuran	14.827	168	3087250	54.758	ng	99
56) 4-Nitrophenol	14.651	139	1049567	149.310	ng	89
57) 2,4-Dinitrotoluene	14.792	165	780259	71.453	ng	92
58) Fluorene	15.474	166	2621466	57.109	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	743698	64.334	ng	98
60) Diethylphthalate	15.257	149	2429368	60.903	ng	98
61) 4-Chlorophenyl-phenyle...	15.474	204	1403445	55.990	ng	98
62) 4-Nitroaniline	15.492	138	577469	59.154	ng	92
63) Azobenzene	15.762	77	2329851	61.149	ng	97
65) 4,6-Dinitro-2-methylph...	15.557	198	464417	62.160	ng	97
66) n-Nitrosodiphenylamine	15.686	169	2215938	57.575	ng	99
67) 4-Bromophenyl-phenylether	16.362	248	829647	56.567	ng	100
68) Hexachlorobenzene	16.480	284	952565	57.756	ng	98
69) Atrazine	16.639	200	833909	98.313	ng	100
70) Pentachlorophenol	16.827	266	1459951	140.859	ng	99
71) Phenanthrene	17.215	178	4134673	58.616	ng	100
72) Anthracene	17.303	178	4213859	61.685	ng	99
73) Carbazole	17.574	167	3937085	63.638	ng	100
74) Di-n-butylphthalate	18.139	149	4543545	67.006	ng	99
75) Fluoranthene	19.227	202	5244692	64.582	ng	99
77) Benzidine	19.409	184	2909137	168.948	ng	100
78) Pyrene	19.592	202	5445406	54.380	ng	100
80) Butylbenzylphthalate	20.491	149	2197359	70.710	ng	97
81) Benzo(a)anthracene	21.391	228	5796225	60.546	ng	100
82) 3,3'-Dichlorobenzidine	21.309	252	1392840	44.688	ng	100
83) Chrysene	21.450	228	5369325	59.167	ng	100
84) Bis(2-ethylhexyl)phtha...	21.315	149	3359130	69.360	ng	97
85) Di-n-octyl phthalate	22.450	149	5866373	77.934	ng	97
87) Indeno(1,2,3-cd)pyrene	27.803	276	6526115	62.895	ng	99
88) Benzo(b)fluoranthene	23.462	252	5465773	56.291	ng	99
89) Benzo(k)fluoranthene	23.527	252	5591655	58.525	ng	99
90) Benzo(a)pyrene	24.268	252	5246354	64.326	ng	99
91) Dibenzo(a,h)anthracene	27.856	278	5378521	62.216	ng	100
92) Benzo(g,h,i)perylene	28.862	276	5154865	59.198	ng	100

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

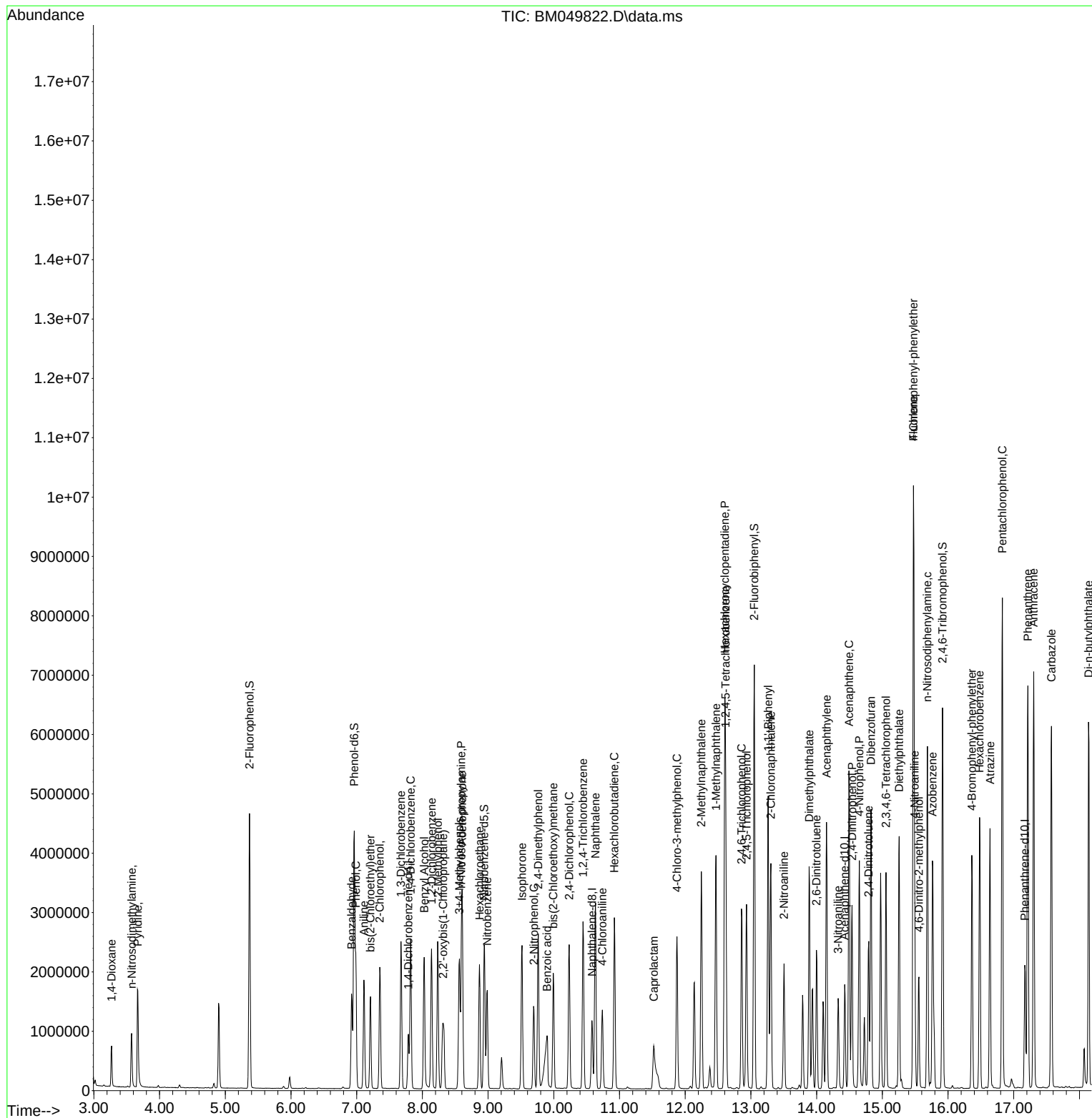
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