

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
 Data File : BM050202.D
 Acq On : 05 Jun 2025 14:36
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM060525

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/05/2025
 Supervised By :Jagrut Upadhyay 06/06/2025

Quant Time: Jun 05 15:10:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 14:55:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	318987	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	1345797	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	824451	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1474581	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1199833	20.000	ng	0.00
86) Perylene-d12	24.374	264	1188981	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1363817	71.321	ng	0.00
7) Phenol-d6	6.951	99	1828950	72.656	ng	0.00
23) Nitrobenzene-d5	8.940	82	1707276	65.977	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	671004	71.554	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	3838077	63.026	ng	0.00
79) Terphenyl-d14	19.780	244	4364574	68.934	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	285619	34.075	ng	98
3) Pyridine	3.681	79	807832	37.216	ng	99
4) n-Nitrosodimethylamine	3.593	42	171804	38.276	ng	95
6) Aniline	7.116	93	1270681	38.184	ng	99
8) 2-Chlorophenol	7.351	128	812307	38.620	ng	99
9) Benzaldehyde	6.928	77	662318m	41.383	ng	
10) Phenol	6.975	94	1020433	38.313	ng	99
11) bis(2-Chloroethyl)ether	7.210	93	819158	38.237	ng	99
12) 1,3-Dichlorobenzene	7.681	146	890155	37.856	ng	99
13) 1,4-Dichlorobenzene	7.822	146	914542	37.381	ng	99
14) 1,2-Dichlorobenzene	8.140	146	881362	37.789	ng	99
15) Benzyl Alcohol	8.022	79	702528	39.129	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	556648	37.404	ng	98
17) 2-Methylphenol	8.222	107	686759	39.079	ng	99
18) Hexachloroethane	8.869	117	336898	38.024	ng	100
19) n-Nitroso-di-n-propyla...	8.598	70	613129	39.802	ng	99
20) 3+4-Methylphenols	8.551	107	925708	39.372	ng	100
22) Acetophenone	8.604	105	1264911	37.622	ng	99
24) Nitrobenzene	8.981	77	897378	38.131	ng	99
25) Isophorone	9.510	82	1719407	38.498	ng	99
26) 2-Nitrophenol	9.687	139	415162	40.867	ng	99
27) 2,4-Dimethylphenol	9.751	122	791547	37.886	ng	99
28) bis(2-Chloroethoxy)met...	9.992	93	1110519	38.061	ng	99
29) 2,4-Dichlorophenol	10.222	162	753084	38.988	ng	99
30) 1,2,4-Trichlorobenzene	10.439	180	807629	37.573	ng	100
31) Naphthalene	10.628	128	2548917	36.633	ng	100
32) Benzoic acid	9.875	122	519441	39.598	ng	98
33) 4-Chloroaniline	10.728	127	1127809	38.018	ng	99
34) Hexachlorobutadiene	10.922	225	479592	37.511	ng	99
35) Caprolactam	11.498	113	237644	38.807	ng	99
36) 4-Chloro-3-methylphenol	11.851	107	794929	38.568	ng	100
37) 2-Methylnaphthalene	12.239	142	1594515	37.986	ng	98
38) 1-Methylnaphthalene	12.457	142	1680613	37.722	ng	100
40) 1,2,4,5-Tetrachloroben...	12.610	216	900972	37.845	ng	99
41) Hexachlorocyclopentadiene	12.598	237	569438	39.386	ng	99
43) 2,4,6-Trichlorophenol	12.845	196	598909	38.255	ng	97

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44) 2,4,5-Trichlorophenol	12.916	196	658288	38.297	ng	100
46) 1,1'-Biphenyl	13.251	154	2269641	36.765	ng	99
47) 2-Chloronaphthalene	13.292	162	1740708	36.269	ng	100
48) 2-Nitroaniline	13.486	65	425146	40.253	ng	98
49) Acenaphthylene	14.139	152	2862688	36.877	ng	99
50) Dimethylphthalate	13.880	163	2084186	37.379	ng	100
51) 2,6-Dinitrotoluene	13.986	165	446609	39.718	ng	99
52) Acenaphthene	14.480	154	1769507	36.444	ng	99
53) 3-Nitroaniline	14.310	138	493099	39.347	ng	96
54) 2,4-Dinitrophenol	14.510	184	228596	34.596	ng	99
55) Dibenzofuran	14.816	168	2585454	36.397	ng	99
56) 4-Nitrophenol	14.610	139	411593	38.588	ng	98
57) 2,4-Dinitrotoluene	14.769	165	592521	39.946	ng	99
58) Fluorene	15.463	166	1965747	36.130	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.039	232	557824	37.508	ng	93
60) Diethylphthalate	15.245	149	2031289	36.717	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	950092	36.132	ng	99
62) 4-Nitroaniline	15.469	138	449658	38.283	ng	99
63) Azobenzene	15.751	77	1998483	36.142	ng	98
65) 4,6-Dinitro-2-methylph...	15.533	198	312558	38.808	ng	99
66) n-Nitrosodiphenylamine	15.669	169	1747981	37.727	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	604660	38.453	ng	99
68) Hexachlorobenzene	16.463	284	696502	37.911	ng	100
69) Atrazine	16.621	200	578491	39.186	ng	99
70) Pentachlorophenol	16.804	266	464946	38.925	ng	99
71) Phenanthrene	17.198	178	3046863	36.170	ng	99
72) Anthracene	17.286	178	3101683	36.806	ng	100
73) Carbazole	17.551	167	2778780	36.195	ng	99
74) Di-n-butylphthalate	18.133	149	3122305	37.377	ng	99
75) Fluoranthene	19.209	202	3117387	35.092	ng	100
77) Benzidine	19.392	184	1646454	48.798	ng	100
78) Pyrene	19.568	202	3262895	40.348	ng	99
80) Butylbenzylphthalate	20.480	149	1095153	40.599	ng	98
81) Benzo(a)anthracene	21.368	228	2824621	37.193	ng	100
82) 3,3'-Dichlorobenzidine	21.292	252	933068	40.289	ng	100
83) Chrysene	21.433	228	2642484	36.579	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	1606973	38.675	ng	100
85) Di-n-octyl phthalate	22.462	149	2382511	38.642	ng	100
87) Indeno(1,2,3-cd)pyrene	27.750	276	2970902	38.807	ng	100
88) Benzo(b)fluoranthene	23.433	252	2608359	37.732	ng	100
89) Benzo(k)fluoranthene	23.497	252	2566064	36.362	ng	100
90) Benzo(a)pyrene	24.239	252	2459411	37.840	ng	99
91) Dibenzo(a,h)anthracene	27.815	278	2412391	38.821	ng	100
92) Benzo(g,h,i)perylene	28.791	276	2411378	38.771	ng	99

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

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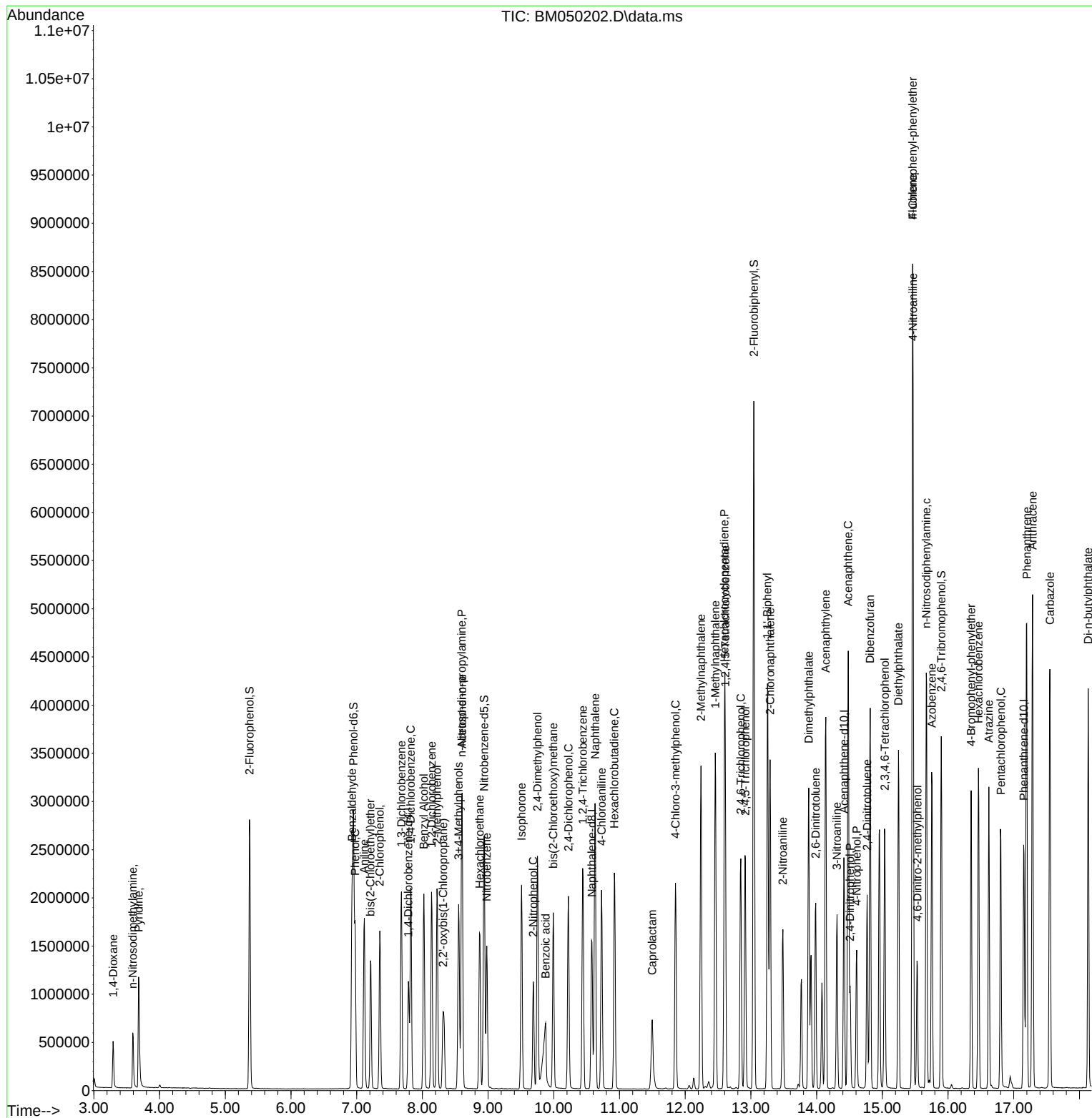
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