Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050210.D
Acq On : 06 Jun 2025 12:06
Operator : RC/JU
Sample : Q2177-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 06 12:38:18 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 16:20:25 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.787	152	326296	20.000	ng		0.00
21) Naphthalene-d8	10.575	136	1267565	20.000	ng		0.00
39) Acenaphthene-d10	14.416	164	684770	20.000	ng		0.00
64) Phenanthrene-d10	17.151	188	1179346	20.000	ng		0.00
76) Chrysene-d12	21.380	240	1089185	20.000	ng		0.00
86) Perylene-d12	24.368	264	1220890	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	2382563	121.805	ng		0.00
7) Phenol-d6	6.951	99	2812170	109.213	ng		0.00
23) Nitrobenzene-d5	8.939	82	1937115	79.480	ng		0.00
42) 2,4,6-Tribromophenol	15.898	330	969471	124.470	ng		0.00
45) 2-Fluorobiphenyl	13.045	172	3927928	77.659	ng		0.00
79) Terphenyl-d14	19.780	244	4567622	79.470	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	307156	35.824	ng	#	76
3) Pyridine	3.693	79	829922	37.377	ng		99
4) n-Nitrosodimethylamine	3.599	42	195836	42.652	ng		96
6) Aniline	7.116	93	636648	18.703	ng		98
8) 2-Chlorophenol	7.351	128	953896	44.335	ng		99
9) Benzaldehyde	6.928	77	331231	20.233	ng		99
10) Phenol	6.981	94	1055295	38.734	ng		99
11) bis(2-Chloroethyl)ether	7.216	93	939657	42.879	ng		100
12) 1,3-Dichlorobenzene	7.681	146	906130	37.672	ng		99
13) 1,4-Dichlorobenzene	7.822	146	941185	37.608	ng		99
14) 1,2-Dichlorobenzene	8.140	146	911840	38.220	ng		98
15) Benzyl Alcohol	8.022	79	799947	43.557	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	640359	42.065	ng		98
17) 2-Methylphenol	8.222	107	764025	42.501	ng		99
18) Hexachloroethane	8.869	117	343431	37.893	ng		100
19) n-Nitroso-di-n-propyla...	8.592	70	665245	42.218	ng		99
20) 3+4-Methylphenols	8.551	107	1011265	42.047	ng		99
22) Acetophenone	8.604	105	1363804	43.066	ng	#	99
24) Nitrobenzene	8.981	77	991933	44.750	ng		99
25) Isophorone	9.510	82	1843904	43.833	ng		99
26) 2-Nitrophenol	9.686	139	446203	46.634	ng		98
27) 2,4-Dimethylphenol	9.751	122	870473	44.277	ng		100
28) bis(2-Chloroethoxy)met...	9.992	93	1203792	43.804	ng		100
29) 2,4-Dichlorophenol	10.222	162	821582	45.159	ng		99
30) 1,2,4-Trichlorobenzene	10.439	180	854167	42.191	ng		100
31) Naphthalene	10.628	128	2759166	42.102	ng		100
32) Benzoic acid	9.863	122	448266	36.282	ng		99
33) 4-Chloroaniline	10.728	127	165910	5.938	ng		97
34) Hexachlorobutadiene	10.922	225	499405	41.472	ng		99
35) Caprolactam	11.486	113	203525	35.286	ng		97
36) 4-Chloro-3-methylphenol	11.851	107	825779	42.538	ng		98
37) 2-Methylnaphthalene	12.239	142	1691822	42.792	ng		99
38) 1-Methylnaphthalene	12.457	142	1762386	41.999	ng		100
40) 1,2,4,5-Tetrachloroben...	12.610	216	919589	46.506	ng		99
41) Hexachlorocyclopentadiene	12.598	237	1103835	91.922	ng		99
43) 2,4,6-Trichlorophenol	12.845	196	620811	47.742	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.910	196	667141	46.729	ng	98
46) 1,1'-Biphenyl	13.251	154	2341527	45.666	ng	98
47) 2-Chloronaphthalene	13.292	162	1792919	44.977	ng	99
48) 2-Nitroaniline	13.486	65	427535	48.737	ng	99
49) Acenaphthylene	14.133	152	2916115	45.228	ng	99
50) Dimethylphthalate	13.874	163	2077786	44.866	ng	99
51) 2,6-Dinitrotoluene	13.980	165	442037	47.330	ng	94
52) Acenaphthene	14.480	154	1930436	47.868	ng	100
53) 3-Nitroaniline	14.304	138	186328	17.901	ng	99
54) 2,4-Dinitrophenol	14.510	184	415808	74.958	ng	98
55) Dibenzofuran	14.816	168	2598540	44.043	ng	100
56) 4-Nitrophenol	14.610	139	759762	85.759	ng	100
57) 2,4-Dinitrotoluene	14.768	165	601051	48.787	ng	99
58) Fluorene	15.463	166	2002920	44.323	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	554722m	44.909	ng	
60) Diethylphthalate	15.245	149	2023715	44.042	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	958609	43.892	ng	98
62) 4-Nitroaniline	15.468	138	405168	41.531	ng	98
63) Azobenzene	15.751	77	2021498	44.015	ng	99
65) 4,6-Dinitro-2-methylph...	15.527	198	283528	44.016	ng	97
66) n-Nitrosodiphenylamine	15.668	169	1749325	47.208	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	599446	47.664	ng	99
68) Hexachlorobenzene	16.462	284	690076	46.964	ng	97
69) Atrazine	16.621	200	563892	47.759	ng	100
70) Pentachlorophenol	16.798	266	916700	95.958	ng	99
71) Phenanthrene	17.192	178	3030486	44.981	ng	99
72) Anthracene	17.286	178	3066040	45.491	ng	100
73) Carbazole	17.545	167	2802423	45.641	ng	100
74) Di-n-butylphthalate	18.133	149	3131978	46.879	ng	100
75) Fluoranthene	19.203	202	3233462	45.511	ng	99
77) Benzidine	19.386	184	634071	20.702	ng	99
78) Pyrene	19.568	202	3367898	45.877	ng	99
80) Butylbenzylphthalate	20.480	149	1220876	49.857	ng	99
81) Benzo(a)anthracene	21.362	228	3202268	46.450	ng	99
82) 3,3'-Dichlorobenzidine	21.286	252	453770	21.584	ng	99
83) Chrysene	21.427	228	3030304	46.209	ng	99
84) Bis(2-ethylhexyl)phtha...	21.315	149	1831065	48.545	ng	100
85) Di-n-octyl phthalate	22.456	149	2992661	53.468	ng	100
87) Indeno(1,2,3-cd)pyrene	27.738	276	4161319	52.936	ng	100
88) Benzo(b)fluoranthene	23.433	252	3292419	46.383	ng	100
89) Benzo(k)fluoranthene	23.491	252	3248849	44.834	ng	100
90) Benzo(a)pyrene	24.233	252	3177372	47.609	ng	98
91) Dibenzo(a,h)anthracene	27.809	278	3351181	52.519	ng	98
92) Benzo(g,h,i)perylene	28.791	276	3427026	53.661	ng	100

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

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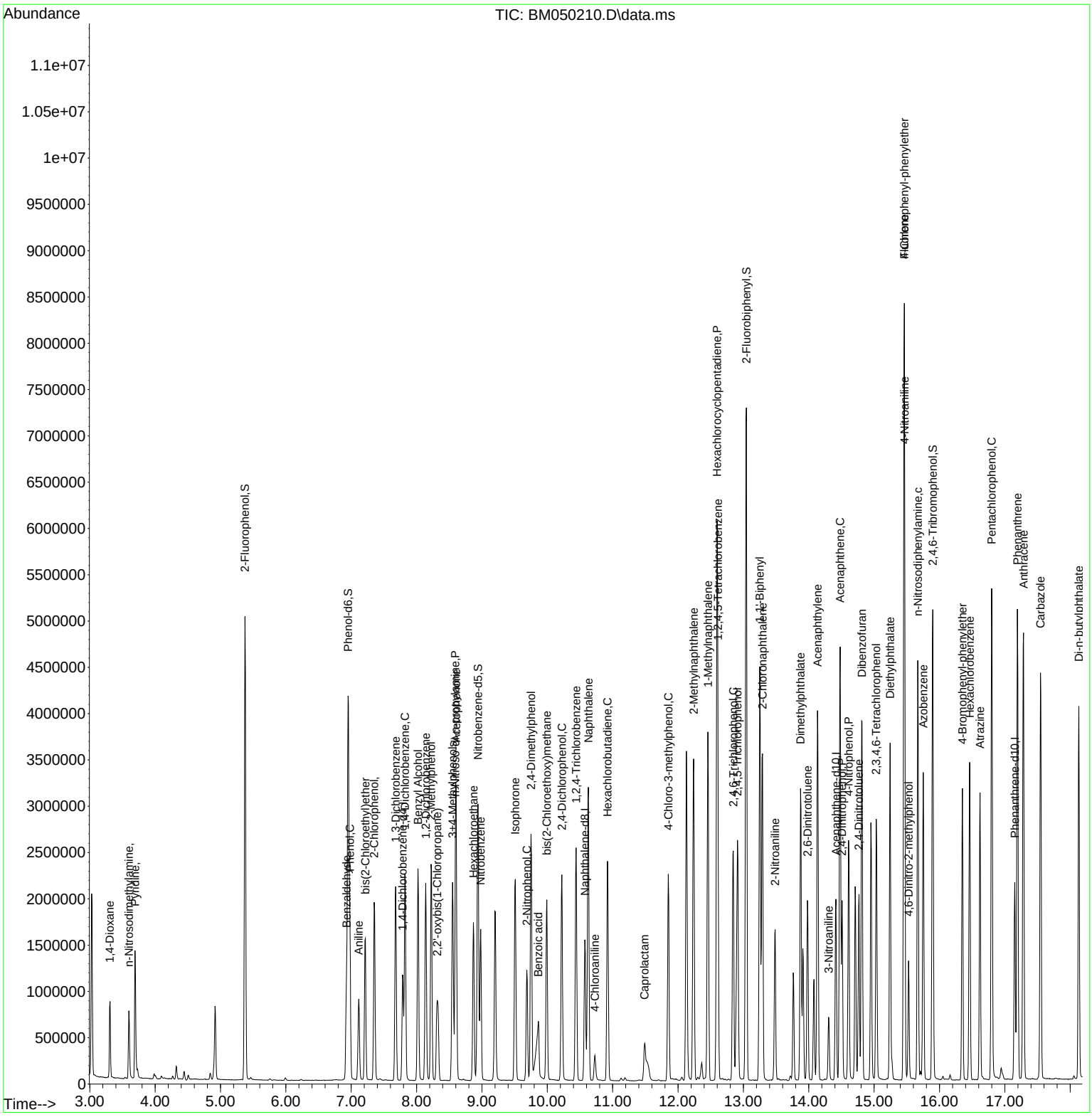

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