Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050250.D
Acq On : 09 Jun 2025 20:19
Operator : RC/JU
Sample : Q2226-04MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 10 01:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
TP06-MHI-WCMS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	392950	20.000	ng	0.00
21) Naphthalene-d8	10.558	136	1521763	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	827375	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	1462387	20.000	ng	0.00
76) Chrysene-d12	21.369	240	1332936	20.000	ng	0.00
86) Perylene-d12	24.345	264	1379954	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2937446	124.700	ng	0.00
7) Phenol-d6	6.934	99	3430486	110.627	ng	0.00
23) Nitrobenzene-d5	8.916	82	2445053	83.563	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	1247878	132.601	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	4888299	79.988	ng	0.00
79) Terphenyl-d14	19.763	244	5857343	83.273	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	388538	37.629	ng	# 73
3) Pyridine	3.682	79	966583	36.148	ng	96
4) n-Nitrosodimethylamine	3.587	42	245837	44.460	ng	97
6) Aniline	7.099	93	721210	17.593	ng	98
8) 2-Chlorophenol	7.334	128	1168140	45.083	ng	98
9) Benzaldehyde	6.905	77	453430	22.999	ng	96
10) Phenol	6.964	94	1296102	39.503	ng	99
11) bis(2-Chloroethyl)ether	7.193	93	1187468	44.996	ng	98
12) 1,3-Dichlorobenzene	7.658	146	1166230	40.261	ng	98
13) 1,4-Dichlorobenzene	7.805	146	1214259	40.289	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1179906	41.067	ng	99
15) Benzyl Alcohol	8.005	79	994445	44.963	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.299	45	905020	49.367	ng	95
17) 2-Methylphenol	8.205	107	938045	43.331	ng	99
18) Hexachloroethane	8.852	117	461080	42.245	ng	99
19) n-Nitroso-di-n-propyla...	8.575	70	842877	44.418	ng	97
20) 3+4-Methylphenols	8.534	107	1243110	42.920	ng	99
22) Acetophenone	8.587	105	1692937	44.530	ng	# 99
24) Nitrobenzene	8.958	77	1256342	47.211	ng	97
25) Isophorone	9.487	82	2303628	45.614	ng	99
26) 2-Nitrophenol	9.669	139	547550	47.667	ng	97
27) 2,4-Dimethylphenol	9.734	122	1078632	45.700	ng	100
28) bis(2-Chloroethoxy)met...	9.969	93	1539341	46.658	ng	99
29) 2,4-Dichlorophenol	10.205	162	1002287	45.889	ng	99
30) 1,2,4-Trichlorobenzene	10.416	180	1063647	43.762	ng	100
31) Naphthalene	10.605	128	3430345	43.600	ng	100
32) Benzoic acid	9.858	122	630781	42.526	ng	97
33) 4-Chloroaniline	10.710	127	306819	9.147	ng	98
34) Hexachlorobutadiene	10.899	225	619791	42.871	ng	100
35) Caprolactam	11.481	113	238482	34.440	ng	90
36) 4-Chloro-3-methylphenol	11.834	107	1028377	44.125	ng	99
37) 2-Methylnaphthalene	12.216	142	2119896	44.663	ng	98
38) 1-Methylnaphthalene	12.440	142	2209544	43.860	ng	99
40) 1,2,4,5-Tetrachloroben...	12.587	216	1122982	47.004	ng	99
41) Hexachlorocyclopentadiene	12.581	237	1415330	97.547	ng	97
43) 2,4,6-Trichlorophenol	12.828	196	760650	48.414	ng	99

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44) 2,4,5-Trichlorophenol	12.899	196	832691	48.272	ng		98
46) 1,1'-Biphenyl	13.234	154	2928102	47.263	ng		99
47) 2-Chloronaphthalene	13.275	162	2248213	46.678	ng		99
48) 2-Nitroaniline	13.469	65	562921	53.110	ng		94
49) Acenaphthylene	14.116	152	3621022	46.481	ng		100
50) Dimethylphthalate	13.863	163	2619856	46.821	ng		100
51) 2,6-Dinitrotoluene	13.969	165	557207	49.379	ng		96
52) Acenaphthene	14.463	154	2154317	44.212	ng		99
53) 3-Nitroaniline	14.293	138	339356	26.984	ng		100
54) 2,4-Dinitrophenol	14.498	184	609950	94.097	ng		95
55) Dibenzofuran	14.798	168	3304639	46.357	ng		100
56) 4-Nitrophenol	14.598	139	978143	91.379	ng		97
57) 2,4-Dinitrotoluene	14.751	165	767682	51.572	ng		97
58) Fluorene	15.445	166	2523640	46.221	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.022	232	700206m	46.916	ng		
60) Diethylphthalate	15.228	149	2611641	47.041	ng		99
61) 4-Chlorophenyl-phenyle...	15.445	204	1219957	46.231	ng		98
62) 4-Nitroaniline	15.457	138	537036	45.560	ng		99
63) Azobenzene	15.734	77	2612861	47.085	ng		98
65) 4,6-Dinitro-2-methylph...	15.516	198	385706	48.290	ng		99
66) n-Nitrosodiphenylamine	15.657	169	2213402	48.171	ng		100
67) 4-Bromophenyl-phenylether	16.334	248	768128	49.256	ng		100
68) Hexachlorobenzene	16.445	284	884845	48.564	ng		99
69) Atrazine	16.610	200	734379	50.160	ng		100
70) Pentachlorophenol	16.787	266	1177160	99.373	ng		99
71) Phenanthrene	17.181	178	3861939	46.228	ng		99
72) Anthracene	17.269	178	3937922	47.119	ng		100
73) Carbazole	17.534	167	3576865	46.979	ng		100
74) Di-n-butylphthalate	18.116	149	4215930	50.890	ng		100
75) Fluoranthene	19.192	202	4091775	46.445	ng		99
77) Benzidine	19.375	184	358876	9.574	ng		99
78) Pyrene	19.557	202	4304284	47.910	ng		99
80) Butylbenzylphthalate	20.469	149	1632985	54.492	ng		99
81) Benzo(a)anthracene	21.351	228	3990464	47.298	ng		100
82) 3,3'-Dichlorobenzidine	21.275	252	824418	32.043	ng		99
83) Chrysene	21.416	228	3797384	47.317	ng		99
84) Bis(2-ethylhexyl)phtha...	21.298	149	2525715	54.716	ng		99
85) Di-n-octyl phthalate	22.433	149	3901373	56.957	ng		100
87) Indeno(1,2,3-cd)pyrene	27.703	276	4771886	53.706	ng	#	94
88) Benzo(b)fluoranthene	23.410	252	3868153	48.213	ng		99
89) Benzo(k)fluoranthene	23.474	252	3920735	47.870	ng		100
90) Benzo(a)pyrene	24.204	252	3723908	49.366	ng		100
91) Dibenzo(a,h)anthracene	27.768	278	3892102	53.966	ng		99
92) Benzo(g,h,i)perylene	28.745	276	3923152	54.349	ng		100

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

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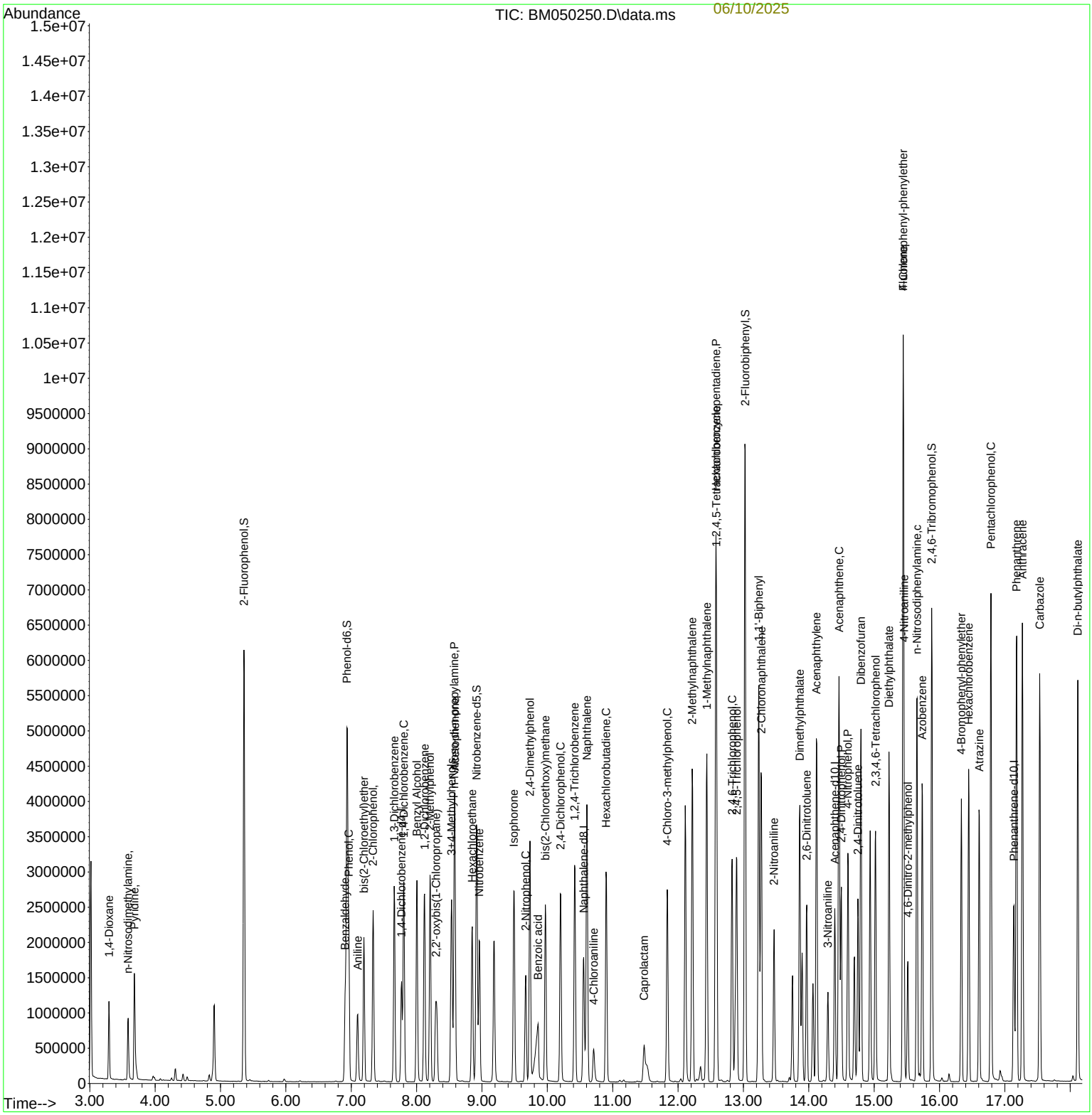

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