Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050223.D
Acq On : 06 Jun 2025 21:23
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 07 01:35:54 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 :
SSTDCCC040

Manual Integrations APPROVED

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

06/09/2025
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06/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.786	152	279322	20.000	ng		0.00
21) Naphthalene-d8	10.575	136	1074646	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	577654	20.000	ng		0.00
64) Phenanthrene-d10	17.151	188	1020063	20.000	ng		0.00
76) Chrysene-d12	21.380	240	1029161	20.000	ng		0.00
86) Perylene-d12	24.362	264	1065458	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1353355	80.824	ng		0.00
7) Phenol-d6	6.945	99	1686490	76.511	ng		-0.01
23) Nitrobenzene-d5	8.933	82	1645142	79.618	ng		-0.01
42) 2,4,6-Tribromophenol	15.892	330	498629	75.890	ng		-0.01
45) 2-Fluorobiphenyl	13.039	172	3395819	79.588	ng		-0.01
79) Terphenyl-d14	19.774	244	4196425	77.270	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	294143	40.075	ng		92
3) Pyridine	3.687	79	773714	40.706	ng		94
4) n-Nitrosodimethylamine	3.593	42	160297	40.783	ng		96
6) Aniline	7.110	93	1105472	37.937	ng		97
8) 2-Chlorophenol	7.351	128	717000	38.929	ng		98
9) Benzaldehyde	6.922	77	477419	34.066	ng		95
10) Phenol	6.975	94	902605	38.701	ng		99
11) bis(2-Chloroethyl)ether	7.210	93	735791	39.223	ng		97
12) 1,3-Dichlorobenzene	7.675	146	792885	38.507	ng		96
13) 1,4-Dichlorobenzene	7.822	146	813141	37.956	ng		99
14) 1,2-Dichlorobenzene	8.139	146	776725	38.032	ng		100
15) Benzyl Alcohol	8.016	79	575561	36.610	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	568952	43.660	ng		94
17) 2-Methylphenol	8.222	107	575360	37.389	ng		98
18) Hexachloroethane	8.869	117	308659	39.784	ng		96
19) n-Nitroso-di-n-propyla...	8.592	70	507008	37.587	ng		99
20) 3+4-Methylphenols	8.545	107	754331	36.639	ng		99
22) Acetophenone	8.604	105	1036133	38.593	ng	#	98
24) Nitrobenzene	8.975	77	755843	40.220	ng		98
25) Isophorone	9.504	82	1337935	37.515	ng		99
26) 2-Nitrophenol	9.686	139	300923	37.096	ng		97
27) 2,4-Dimethylphenol	9.751	122	625059	37.501	ng		99
28) bis(2-Chloroethoxy)met...	9.986	93	893708	38.359	ng		100
29) 2,4-Dichlorophenol	10.216	162	578845	37.529	ng		98
30) 1,2,4-Trichlorobenzene	10.439	180	654471	38.131	ng		99
31) Naphthalene	10.622	128	2107998	37.940	ng		99
32) Benzoic acid	9.851	122	311122	29.702	ng		97
33) 4-Chloroaniline	10.722	127	875911	36.977	ng		98
34) Hexachlorobutadiene	10.922	225	381906	37.408	ng		99
35) Caprolactam	11.486	113	165311	33.806	ng		90
36) 4-Chloro-3-methylphenol	11.845	107	592093	35.975	ng		97
37) 2-Methylnaphthalene	12.233	142	1230954	36.724	ng		100
38) 1-Methylnaphthalene	12.457	142	1313757	36.928	ng		99
40) 1,2,4,5-Tetrachloroben...	12.604	216	675973	40.525	ng		99
41) Hexachlorocyclopentadiene	12.592	237	399414	39.429	ng		99
43) 2,4,6-Trichlorophenol	12.839	196	425186	38.762	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.910	196	463907	38.519	ng	97
46) 1,1'-Biphenyl	13.251	154	1694151	39.167	ng	98
47) 2-Chloronaphthalene	13.286	162	1328038	39.493	ng	99
48) 2-Nitroaniline	13.480	65	298598	40.350	ng	89
49) Acenaphthylene	14.133	152	2111382	38.819	ng	100
50) Dimethylphthalate	13.874	163	1481820	37.931	ng	100
51) 2,6-Dinitrotoluene	13.980	165	307517	39.033	ng	94
52) Acenaphthene	14.474	154	1294998	38.066	ng	99
53) 3-Nitroaniline	14.304	138	338138	38.510	ng	99
54) 2,4-Dinitrophenol	14.510	184	115027	26.201	ng	97
55) Dibenzofuran	14.810	168	1906439	38.304	ng	99
56) 4-Nitrophenol	14.604	139	280733	37.564	ng	97
57) 2,4-Dinitrotoluene	14.762	165	388856	37.416	ng	93
58) Fluorene	15.457	166	1477480	38.758	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.033	232	390874m	37.512	ng	
60) Diethylphthalate	15.239	149	1487176	38.367	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	697257	37.846	ng	99
62) 4-Nitroaniline	15.462	138	311884	37.897	ng	98
63) Azobenzene	15.751	77	1541719	39.793	ng	97
65) 4,6-Dinitro-2-methylph...	15.527	198	188089	33.760	ng	95
66) n-Nitrosodiphenylamine	15.668	169	1269360	39.604	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	420416	38.649	ng	98
68) Hexachlorobenzene	16.462	284	498038	39.187	ng	97
69) Atrazine	16.615	200	396810	38.856	ng	98
70) Pentachlorophenol	16.798	266	450080	54.470	ng	100
71) Phenanthrene	17.192	178	2277503	39.083	ng	100
72) Anthracene	17.280	178	2281838	39.142	ng	100
73) Carbazole	17.545	167	2105934	39.653	ng	100
74) Di-n-butylphthalate	18.127	149	2353514	40.728	ng	99
75) Fluoranthene	19.203	202	2422364	39.418	ng	98
77) Benzidine	19.386	184	1033142	35.698	ng	100
78) Pyrene	19.562	202	2610878	37.639	ng	100
80) Butylbenzylphthalate	20.474	149	866505	37.449	ng	97
81) Benzo(a)anthracene	21.362	228	2505653	38.465	ng	100
82) 3,3'-Dichlorobenzidine	21.280	252	749445	37.727	ng	98
83) Chrysene	21.421	228	2388286	38.543	ng	99
84) Bis(2-ethylhexyl)phtha...	21.309	149	1460030	40.966	ng	98
85) Di-n-octyl phthalate	22.450	149	2044079	38.650	ng	99
87) Indeno(1,2,3-cd)pyrene	27.732	276	2875354	41.913	ng	100
88) Benzo(b)fluoranthene	23.421	252	2450263	39.555	ng	99
89) Benzo(k)fluoranthene	23.485	252	2487954	39.343	ng	100
90) Benzo(a)pyrene	24.227	252	2330101	40.007	ng	99
91) Dibenzo(a,h)anthracene	27.797	278	2295279	41.219	ng	100
92) Benzo(g,h,i)perylene	28.773	276	2372730	42.573	ng	98

06/09/2025 Supervised By :Jagrut Upadhyay

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

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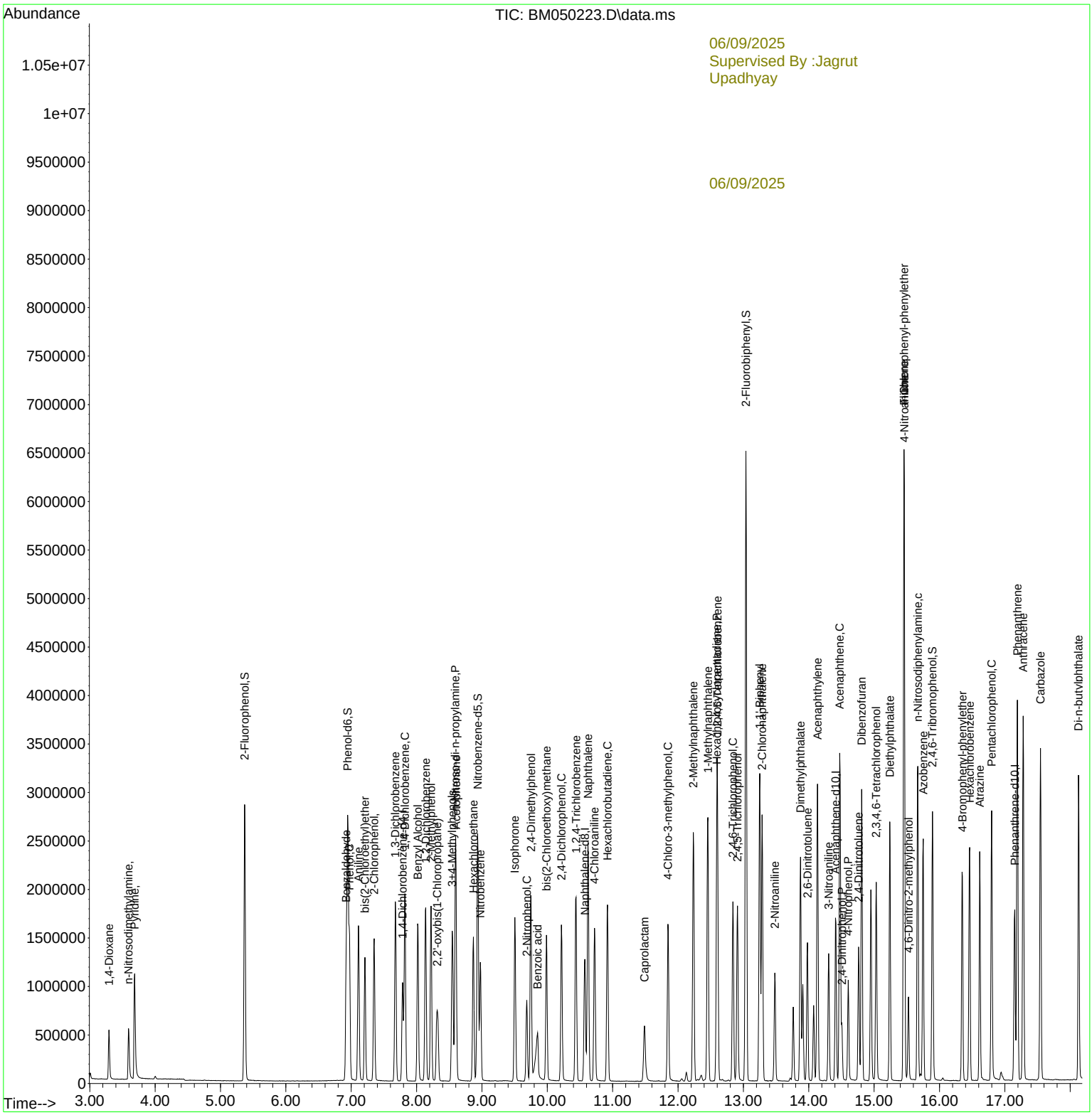

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