Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050236.D
Acq On : 09 Jun 2025 10:47
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 09 12:09:26 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 :
SSTDCCC040

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	371799	20.000	ng		0.00
21) Naphthalene-d8	10.557	136	1449703	20.000	ng		0.00
39) Acenaphthene-d10	14.398	164	826607	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	1554642	20.000	ng		0.00
76) Chrysene-d12	21.374	240	1640724	20.000	ng		0.00
86) Perylene-d12	24.344	264	1782072	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1771146	79.466	ng		0.00
7) Phenol-d6	6.934	99	2253747	76.814	ng		0.00
23) Nitrobenzene-d5	8.916	82	2232566	80.093	ng		0.00
42) 2,4,6-Tribromophenol	15.880	330	753572	80.150	ng		0.00
45) 2-Fluorobiphenyl	13.027	172	4707717	77.105	ng		0.00
79) Terphenyl-d14	19.768	244	6451300	74.512	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	382124	39.113	ng		96
3) Pyridine	3.669	79	998115	39.450	ng		98
4) n-Nitrosodimethylamine	3.581	42	204262	39.043	ng		97
6) Aniline	7.092	93	1467918	37.845	ng		99
8) 2-Chlorophenol	7.334	128	943212	38.473	ng		100
9) Benzaldehyde	6.910	77	618685	33.166	ng		99
10) Phenol	6.957	94	1185471	38.187	ng		99
11) bis(2-Chloroethyl)ether	7.192	93	957982	38.365	ng		99
12) 1,3-Dichlorobenzene	7.657	146	1051386	38.361	ng		98
13) 1,4-Dichlorobenzene	7.804	146	1074188	37.669	ng		99
14) 1,2-Dichlorobenzene	8.122	146	1025873	37.737	ng		98
15) Benzyl Alcohol	8.004	79	791666	37.831	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	695784	40.112	ng		96
17) 2-Methylphenol	8.204	107	769192	37.552	ng		99
18) Hexachloroethane	8.851	117	403690	39.091	ng		99
19) n-Nitroso-di-n-propyla...	8.575	70	681963	37.982	ng		99
20) 3+4-Methylphenols	8.534	107	1025040	37.404	ng		99
22) Acetophenone	8.586	105	1378997	38.075	ng	#	99
24) Nitrobenzene	8.963	77	1009936	39.838	ng		100
25) Isophorone	9.486	82	1838114	38.206	ng		99
26) 2-Nitrophenol	9.669	139	444930	40.658	ng		99
27) 2,4-Dimethylphenol	9.733	122	873965	38.869	ng		99
28) bis(2-Chloroethoxy)met...	9.969	93	1222055	38.882	ng		99
29) 2,4-Dichlorophenol	10.198	162	808976	38.880	ng		97
30) 1,2,4-Trichlorobenzene	10.422	180	891895	38.520	ng		99
31) Naphthalene	10.604	128	2821729	37.647	ng		99
32) Benzoic acid	9.845	122	537731	38.054	ng		99
33) 4-Chloroaniline	10.710	127	1214638	38.011	ng		100
34) Hexachlorobutadiene	10.904	225	522170	37.914	ng		99
35) Caprolactam	11.480	113	249961	37.893	ng		94
36) 4-Chloro-3-methylphenol	11.833	107	838825	37.781	ng		99
37) 2-Methylnaphthalene	12.222	142	1701475	37.629	ng		99
38) 1-Methylnaphthalene	12.439	142	1805855	37.628	ng		100
40) 1,2,4,5-Tetrachloroben...	12.586	216	939136	39.345	ng		100
41) Hexachlorocyclopentadiene	12.574	237	590782	40.755	ng		98
43) 2,4,6-Trichlorophenol	12.827	196	615720	39.226	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.898	196	672862	39.043	ng	99
46) 1,1'-Biphenyl	13.233	154	2356010	38.064	ng	99
47) 2-Chloronaphthalene	13.274	162	1833042	38.093	ng	99
48) 2-Nitroaniline	13.469	65	456554	43.114	ng	95
49) Acenaphthylene	14.121	152	2994584	38.476	ng	100
50) Dimethylphthalate	13.863	163	2162802	38.688	ng	100
51) 2,6-Dinitrotoluene	13.969	165	460508	40.847	ng	97
52) Acenaphthene	14.463	154	1872700	38.468	ng	98
53) 3-Nitroaniline	14.292	138	522835	41.611	ng	99
54) 2,4-Dinitrophenol	14.492	184	241742	36.269	ng	98
55) Dibenzofuran	14.798	168	2720257	38.195	ng	100
56) 4-Nitrophenol	14.598	139	451544	42.223	ng	97
57) 2,4-Dinitrotoluene	14.751	165	620911	41.751	ng	96
58) Fluorene	15.445	166	2110437	38.689	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.021	232	591170m	39.647	ng	
60) Diethylphthalate	15.227	149	2183090	39.358	ng	100
61) 4-Chlorophenyl-phenyle...	15.445	204	1011298	38.359	ng	98
62) 4-Nitroaniline	15.457	138	502473	42.668	ng	97
63) Azobenzene	15.733	77	2144240	38.676	ng	97
65) 4,6-Dinitro-2-methylph...	15.515	198	338246	39.835	ng	100
66) n-Nitrosodiphenylamine	15.657	169	1861847	38.115	ng	100
67) 4-Bromophenyl-phenylether	16.333	248	635485	38.332	ng	100
68) Hexachlorobenzene	16.445	284	743008	38.360	ng	98
69) Atrazine	16.610	200	636763	40.912	ng	100
70) Pentachlorophenol	16.786	266	515371	40.925	ng	99
71) Phenanthrene	17.180	178	3359918	37.832	ng	99
72) Anthracene	17.268	178	3426684	38.569	ng	100
73) Carbazole	17.533	167	3214532	39.714	ng	100
74) Di-n-butylphthalate	18.115	149	3755827	42.646	ng	99
75) Fluoranthene	19.192	202	3781566	40.376	ng	99
77) Benzidine	19.374	184	1979124	42.895	ng	99
78) Pyrene	19.556	202	4034377	36.482	ng	99
80) Butylbenzylphthalate	20.468	149	1591767	43.152	ng	99
81) Benzo(a)anthracene	21.350	228	3983809	38.361	ng	99
82) 3,3'-Dichlorobenzidine	21.274	252	1400436	44.220	ng	98
83) Chrysene	21.415	228	3791451	38.381	ng	100
84) Bis(2-ethylhexyl)phtha...	21.303	149	2523710	44.417	ng	99
85) Di-n-octyl phthalate	22.439	149	3953455	46.890	ng	100
87) Indeno(1,2,3-cd)pyrene	27.709	276	4776476	41.627	ng	99
88) Benzo(b)fluoranthene	23.409	252	4049928	39.088	ng	100
89) Benzo(k)fluoranthene	23.474	252	3999669	37.814	ng	100
90) Benzo(a)pyrene	24.209	252	3843258	39.452	ng	100
91) Dibenzo(a,h)anthracene	27.768	278	3874478	41.599	ng	98
92) Benzo(g,h,i)perylene	28.750	276	3887938	41.707	ng	100

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

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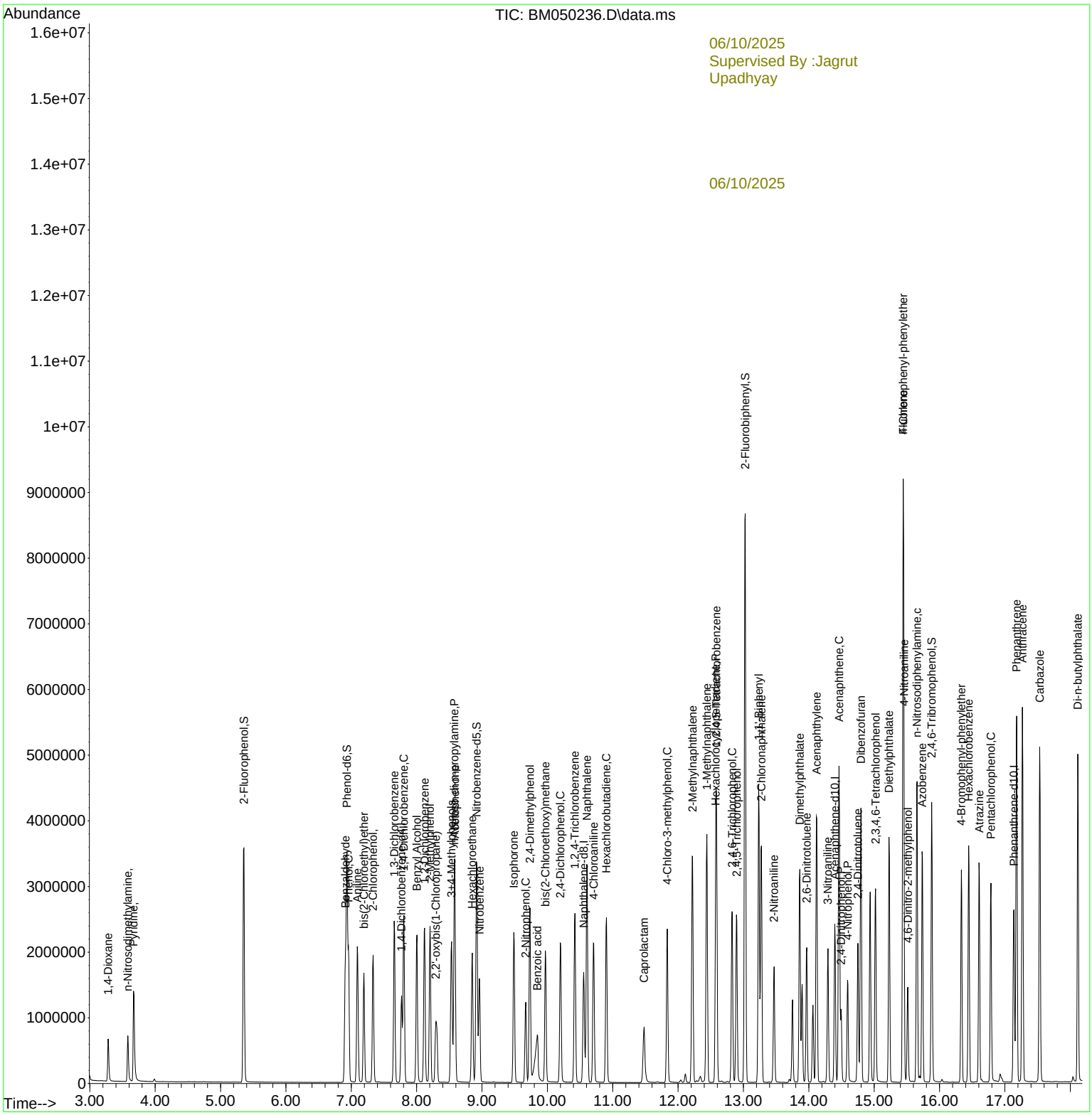

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