Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050147.D
Acq On : 08 May 2025 15:21
Operator : RC/JU
Sample : Q1964-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 08 15:55:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Rahul Chavli
05/09/2025
Supervised By :Jagrut Upadhyay
05/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.740	152	253439	20.000	ng		0.00
21) Naphthalene-d8	10.533	136	884473	20.000	ng		0.00
39) Acenaphthene-d10	14.386	164	556753	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	1069463	20.000	ng		0.00
76) Chrysene-d12	21.386	240	1112266	20.000	ng		0.00
86) Perylene-d12	24.380	264	1161580	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	1484585	102.574	ng		0.00
7) Phenol-d6	6.934	99	1847635	101.568	ng		0.00
23) Nitrobenzene-d5	8.904	82	1086064	60.508	ng		0.00
42) 2,4,6-Tribromophenol	15.886	330	821030	99.732	ng		0.00
45) 2-Fluorobiphenyl	13.004	172	2514924	53.437	ng		0.00
79) Terphenyl-d14	19.768	244	3600484	47.900	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	230959	37.217	ng		97
3) Pyridine	3.634	79	631083	39.580	ng		99
4) n-Nitrosodimethylamine	3.540	42	258544	41.343	ng		99
6) Aniline	7.069	93	484984	21.113	ng		99
8) 2-Chlorophenol	7.316	128	666662	42.601	ng		99
9) Benzaldehyde	6.887	77	281630	23.135	ng		98
10) Phenol	6.957	94	797888	43.327	ng		98
11) bis(2-Chloroethyl)ether	7.163	93	625782	40.695	ng		99
12) 1,3-Dichlorobenzene	7.628	146	768371	40.647	ng		99
13) 1,4-Dichlorobenzene	7.775	146	773451	40.728	ng		99
14) 1,2-Dichlorobenzene	8.092	146	747198	40.732	ng		98
15) Benzyl Alcohol	7.992	79	532761	42.231	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.263	45	752772	40.272	ng		99
17) 2-Methylphenol	8.204	107	511655	42.175	ng		99
18) Hexachloroethane	8.810	117	273774	40.554	ng		98
19) n-Nitroso-di-n-propyla...	8.551	70	460973	39.511	ng		100
20) 3+4-Methylphenols	8.534	107	682817	41.678	ng		97
22) Acetophenone	8.569	105	912791	41.510	ng	#	98
24) Nitrobenzene	8.945	77	654098	42.146	ng		98
25) Isophorone	9.469	82	1220307	39.884	ng		99
26) 2-Nitrophenol	9.657	139	347403	43.816	ng		99
27) 2,4-Dimethylphenol	9.728	122	560067	42.595	ng		99
28) bis(2-Chloroethoxy)met...	9.945	93	774120	40.935	ng		100
29) 2,4-Dichlorophenol	10.210	162	640382	43.473	ng		99
30) 1,2,4-Trichlorobenzene	10.398	180	750507	41.818	ng		100
31) Naphthalene	10.581	128	1846618	41.226	ng		99
32) Benzoic acid	9.904	122	406451m	48.332	ng		
33) 4-Chloroaniline	10.710	127	286757	15.619	ng		99
34) Hexachlorobutadiene	10.863	225	477099	41.880	ng		99
35) Caprolactam	11.504	113	169493	39.463	ng		100
36) 4-Chloro-3-methylphenol	11.857	107	560083	41.154	ng		99
37) 2-Methylnaphthalene	12.198	142	1213064	40.394	ng		100
38) 1-Methylnaphthalene	12.422	142	1269611	39.949	ng		100
40) 1,2,4,5-Tetrachloroben...	12.575	216	833595	43.251	ng		99
41) Hexachlorocyclopentadiene	12.551	237	810639	68.825	ng		100
43) 2,4,6-Trichlorophenol	12.827	196	544147	44.513	ng		96

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44) 2,4,5-Trichlorophenol	12.922	196	585065	44.383	ng	99
46) 1,1'-Biphenyl	13.216	154	1748393	42.246	ng	99
47) 2-Chloronaphthalene	13.263	162	1394532	42.545	ng	100
48) 2-Nitroaniline	13.480	65	340250	44.229	ng	100
49) Acenaphthylene	14.110	152	2162339	41.840	ng	100
50) Dimethylphthalate	13.845	163	1655423	40.686	ng	100
51) 2,6-Dinitrotoluene	13.974	165	359914	42.724	ng	99
52) Acenaphthene	14.451	154	1253654	41.908	ng	99
53) 3-Nitroaniline	14.316	138	206422	25.665	ng	99
54) 2,4-Dinitrophenol	14.533	184	435912	80.794	ng	99
55) Dibenzofuran	14.792	168	2043574	41.059	ng	99
56) 4-Nitrophenol	14.663	139	548863	83.663	ng	98
57) 2,4-Dinitrotoluene	14.774	165	506950	43.550	ng	97
58) Fluorene	15.439	166	1699192	41.709	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.033	232	481053	42.159	ng	99
60) Diethylphthalate	15.216	149	1540274	40.175	ng	100
61) 4-Chlorophenyl-phenyle...	15.433	204	925658	41.368	ng	99
62) 4-Nitroaniline	15.480	138	299512	38.598	ng	97
63) Azobenzene	15.727	77	1340591	41.722	ng	99
65) 4,6-Dinitro-2-methylph...	15.545	198	279835	41.801	ng	98
66) n-Nitrosodiphenylamine	15.651	169	1403891	42.749	ng	99
67) 4-Bromophenyl-phenylether	16.327	248	548181	42.387	ng	97
68) Hexachlorobenzene	16.451	284	635267	42.614	ng	98
69) Atrazine	16.610	200	506484	42.756	ng	99
70) Pentachlorophenol	16.804	266	814874	97.109	ng	99
71) Phenanthrene	17.180	178	2579206	42.759	ng	99
72) Anthracene	17.274	178	2589878	42.428	ng	100
73) Carbazole	17.551	167	2301037	43.441	ng	100
74) Di-n-butylphthalate	18.104	149	2665191	42.251	ng	99
75) Fluoranthene	19.203	202	3053515	43.118	ng	100
77) Benzidine	19.392	184	1267141	32.073	ng	100
78) Pyrene	19.568	202	3204476	41.027	ng	100
80) Butylbenzylphthalate	20.462	149	1193455	40.796	ng	98
81) Benzo(a)anthracene	21.368	228	3314921	43.279	ng	100
82) 3,3'-Dichlorobenzidine	21.292	252	775949	26.464	ng	100
83) Chrysene	21.427	228	3006106	42.406	ng	100
84) Bis(2-ethylhexyl)phtha...	21.280	149	1748323	40.011	ng	99
85) Di-n-octyl phthalate	22.403	149	2992138	41.523	ng	100
87) Indeno(1,2,3-cd)pyrene	27.774	276	3912545	45.204	ng	99
88) Benzo(b)fluoranthene	23.433	252	3221230	42.642	ng	100
89) Benzo(k)fluoranthene	23.491	252	3194428	41.805	ng	99
90) Benzo(a)pyrene	24.238	252	3046262	43.055	ng	100
91) Dibenzo(a,h)anthracene	27.815	278	3203191	45.400	ng	99
92) Benzo(g,h,i)perylene	28.820	276	3027834	44.826	ng	100

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

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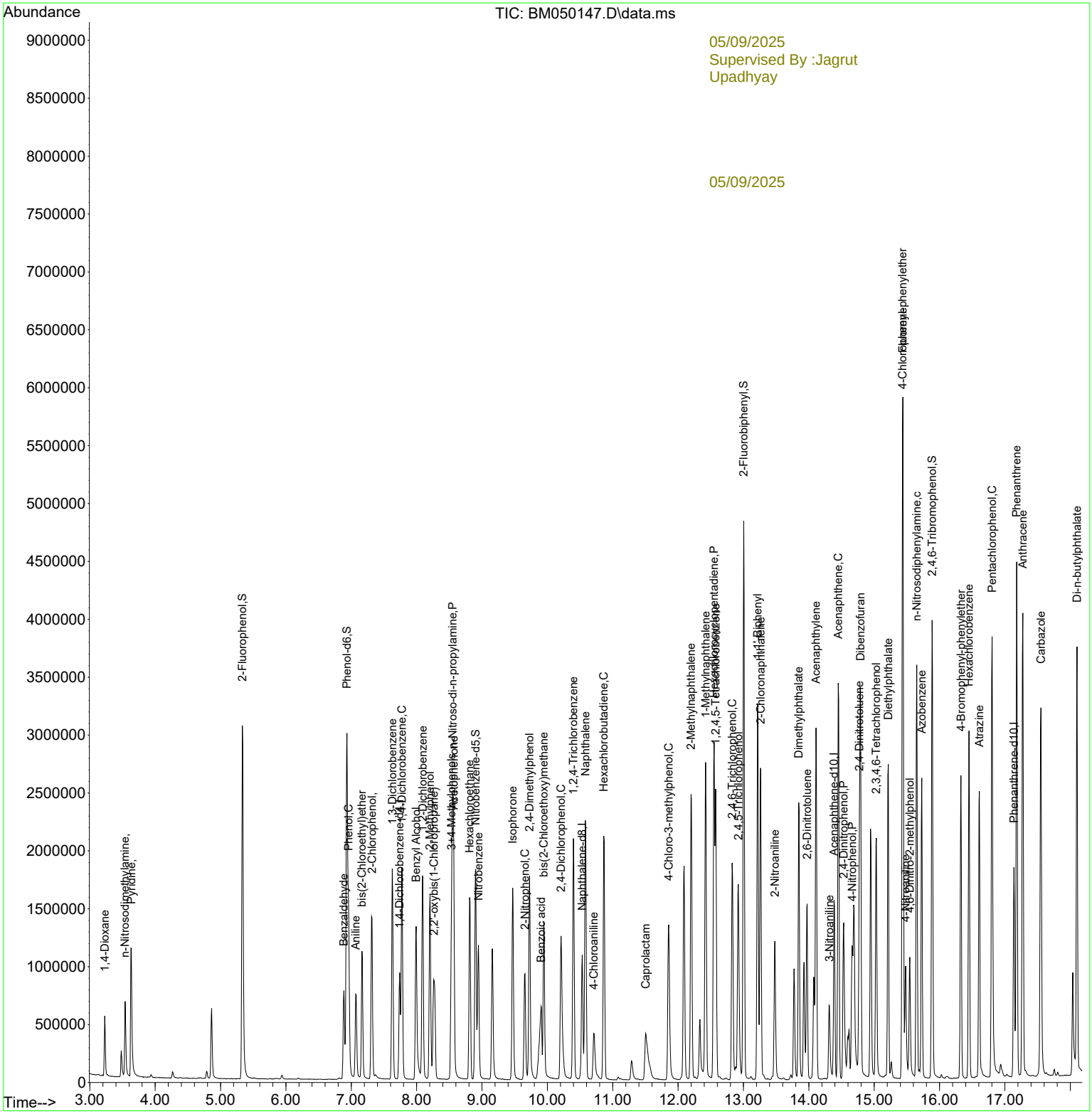

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