Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072225\
Data File : BM050486.D
Acq On : 22 Jul 2025 15:34
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 22 16:19:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 16:20:15 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	3751235m	20.000	ng		0.02
21) Naphthalene-d8	10.663	136	14120923	20.000	ng		0.02
39) Acenaphthene-d10	14.492	164	9565486	20.000	ng		0.02
64) Phenanthrene-d10	17.215	188	16719829	20.000	ng	#	0.00
76) Chrysene-d12	21.450	240	16385418	20.000	ng	#	0.02
86) Perylene-d12	24.491	264	22652529	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	15269524	70.067	ng		0.04
7) Phenol-d6	7.051	99	20344868	74.056	ng		0.04
23) Nitrobenzene-d5	9.039	82	21153552	76.427	ng		0.04
42) 2,4,6-Tribromophenol	15.980	330	11325819	97.450	ng		0.02
45) 2-Fluorobiphenyl	13.098	172	23847386m	30.788	ng		0.00
79) Terphenyl-d14	19.815	244	23699006m	25.448	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.475	88	93735129m	1046.004	ng		
3) Pyridine	3.828	79	5906999	25.108	ng	#	1
4) n-Nitrosodimethylamine	3.763	42	1669009	15.217	ng		91
6) Aniline	7.216	93	11547226	32.752	ng		99
8) 2-Chlorophenol	7.445	128	9077220	39.501	ng		97
9) Benzaldehyde	7.022	77	6647253	40.675	ng		97
10) Phenol	7.081	94	10013740	34.948	ng		97
11) bis(2-Chloroethyl)ether	7.304	93	8906155	38.811	ng		92
12) 1,3-Dichlorobenzene	7.763	146	10546810	37.745	ng		97
13) 1,4-Dichlorobenzene	7.904	146	11474657	40.218	ng		99
14) 1,2-Dichlorobenzene	8.222	146	10616325	38.866	ng		99
15) Benzyl Alcohol	8.116	79	7577098	39.145	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.404	45	12207990	36.118	ng		95
17) 2-Methylphenol	8.316	107	7276768	39.155	ng		97
18) Hexachloroethane	8.945	117	3203294	31.923	ng		94
19) n-Nitroso-di-n-propyla...	8.704	70	3885609	23.347	ng		92
20) 3+4-Methylphenols	8.657	107	9795549	39.264	ng		99
22) Acetophenone	8.698	105	13202586	37.395	ng		95
24) Nitrobenzene	9.080	77	9318575	37.729	ng		96
25) Isophorone	9.610	82	18410801	40.992	ng		99
26) 2-Nitrophenol	9.775	139	4683818	46.530	ng		95
27) 2,4-Dimethylphenol	9.839	122	8164904	38.118	ng		98
28) bis(2-Chloroethoxy)met...	10.075	93	11614412	39.026	ng		98
29) 2,4-Dichlorophenol	10.310	162	9629364	43.758	ng		97
30) 1,2,4-Trichlorobenzene	10.522	180	11272632	42.820	ng		99
31) Naphthalene	10.704	128	21509922	29.990	ng	#	87
32) Benzoic acid	10.110	122	5853274	44.952	ng		98
33) 4-Chloroaniline	10.816	127	11447823	37.754	ng		98
34) Hexachlorobutadiene	10.998	225	7575405	47.148	ng		99
35) Caprolactam	11.710	113	2637743m	43.908	ng		
36) 4-Chloro-3-methylphenol	11.957	107	8582369	41.764	ng		96
37) 2-Methylnaphthalene	12.310	142	17223596	38.032	ng		91
38) 1-Methylnaphthalene	12.527	142	17269441	36.033	ng		93
40) 1,2,4,5-Tetrachloroben...	12.686	216	13163211	43.273	ng	#	98
41) Hexachlorocyclopentadiene	12.663	237	2053384	10.560	ng		99
43) 2,4,6-Trichlorophenol	12.921	196	8613784	46.003	ng		98

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44) 2,4,5-Trichlorophenol	13.004	196	9242520	45.198	ng	#	95
46) 1,1'-Biphenyl	13.315	154	18163030m	25.593	ng		
47) 2-Chloronaphthalene	13.363	162	17658081	31.206	ng	#	85
48) 2-Nitroaniline	13.568	65	5363541	42.466	ng		89
49) Acenaphthylene	14.204	152	20735150	24.247	ng	#	74
50) Dimethylphthalate	13.951	163	18873109m	28.658	ng		
51) 2,6-Dinitrotoluene	14.074	165	5588453	44.196	ng	#	86
52) Acenaphthene	14.551	154	16335221	30.046	ng	#	85
53) 3-Nitroaniline	14.404	138	5008391	37.244	ng		98
54) 2,4-Dinitrophenol	14.598	184	1279868	23.281	ng	#	80
55) Dibenzofuran	14.874	168	19038526m	22.727	ng		
56) 4-Nitrophenol	14.715	139	4684788	40.511	ng		89
57) 2,4-Dinitrotoluene	14.857	165	7882341	42.002	ng		87
58) Fluorene	15.521	166	18642552m	27.019	ng		
59) 2,3,4,6-Tetrachlorophenol	15.115	232	8409981	48.855	ng	#	90
60) Diethylphthalate	15.304	149	17539579	27.881	ng	#	92
61) 4-Chlorophenyl-phenyle...	15.521	204	13385858	37.102	ng		95
62) 4-Nitroaniline	15.562	138	3227045	22.336	ng		96
63) Azobenzene	15.809	77	16364609	28.330	ng		95
65) 4,6-Dinitro-2-methylph...	15.615	198	2123173	26.818	ng		86
66) n-Nitrosodiphenylamine	15.733	169	16847350	32.201	ng		93
67) 4-Bromophenyl-phenylether	16.415	248	9933180	53.922	ng		94
68) Hexachlorobenzene	16.539	284	10761425	49.462	ng	#	90
69) Atrazine	16.698	200	6955042	40.484	ng		98
70) Pentachlorophenol	16.874	266	7621425	56.271	ng		98
71) Phenanthrene	17.251	178	20207768m	21.359	ng		
72) Anthracene	17.345	178	19811891m	21.037	ng		
73) Carbazole	17.609	167	18858347	22.131	ng		95
74) Di-n-butylphthalate	18.168	149	18695436m	20.045	ng		
75) Fluoranthene	19.256	202	20639580m	20.067	ng		
77) Benzidine	19.450	184	8275850	19.802	ng		99
78) Pyrene	19.615	202	20885684m	19.902	ng		
80) Butylbenzylphthalate	20.515	149	14279624	41.268	ng	#	71
81) Benzo(a)anthracene	21.415	228	26316002m	24.649	ng		
82) 3,3'-Dichlorobenzidine	21.350	252	15851021	44.026	ng		96
83) Chrysene	21.486	228	21458223m	21.309	ng		
84) Bis(2-ethylhexyl)phtha...	21.339	149	16916482	30.796	ng	#	69
85) Di-n-octyl phthalate	22.480	149	23711413m	27.561	ng		
87) Indeno(1,2,3-cd)pyrene	27.979	276	67721342	42.048	ng	#	79
88) Benzo(b)fluoranthene	23.515	252	36229872m	26.002	ng		
89) Benzo(k)fluoranthene	23.580	252	29714516m	20.552	ng		
90) Benzo(a)pyrene	24.338	252	36182627m	27.740	ng		
91) Dibenzo(a,h)anthracene	28.015	278	45390629m	33.464	ng		
92) Benzo(g,h,i)perylene	29.056	276	51998288m	40.562	ng		

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

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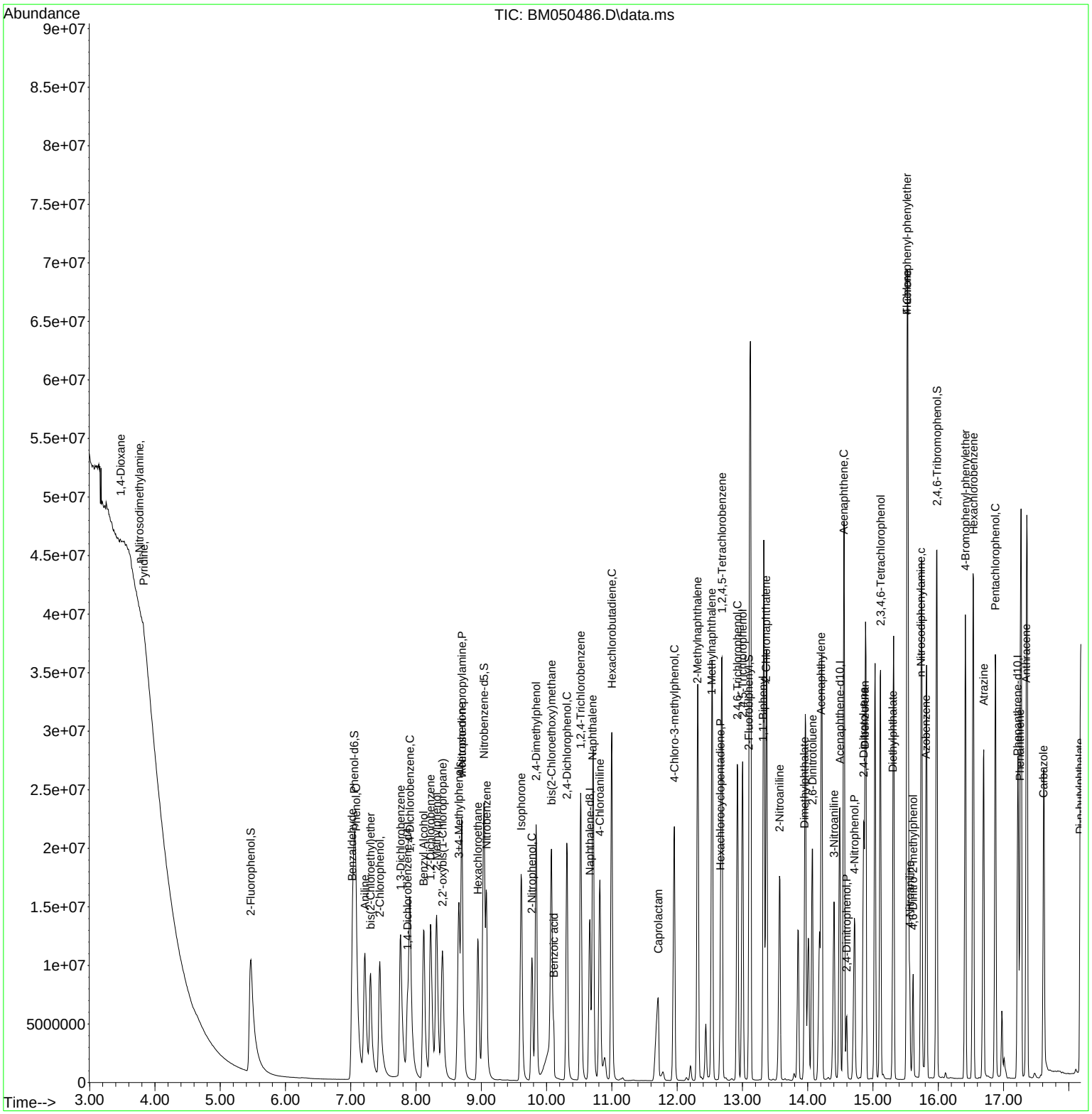

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