Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050388.D
Acq On : 10 Jul 2025 13:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jul 10 14:39:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	446689	20.000	ng		0.00
21) Naphthalene-d8	10.657	136	1689419	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	1077979	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	2057474	20.000	ng		0.00
76) Chrysene-d12	21.450	240	2112610	20.000	ng		0.00
86) Perylene-d12	24.491	264	2045327	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	2031844	78.297	ng		0.00
7) Phenol-d6	7.022	99	2616916	79.995	ng		0.00
23) Nitrobenzene-d5	9.016	82	2659377	80.309	ng		0.00
42) 2,4,6-Tribromophenol	15.974	330	1071758	81.829	ng		0.00
45) 2-Fluorobiphenyl	13.121	172	6895749	78.998	ng		0.00
79) Terphenyl-d14	19.839	244	10310723	85.871	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	403246	37.789	ng		100
3) Pyridine	3.728	79	1067511	38.105	ng		98
4) n-Nitrosodimethylamine	3.640	42	509026	38.975	ng		100
6) Aniline	7.187	93	1662658	39.604	ng		100
8) 2-Chlorophenol	7.428	128	1071561	39.160	ng		99
9) Benzaldehyde	6.998	77	791440m	40.670	ng		
10) Phenol	7.045	94	1338998	39.244	ng		99
11) bis(2-Chloroethyl)ether	7.281	93	1056029	38.647	ng		99
12) 1,3-Dichlorobenzene	7.751	146	1279283	38.448	ng		98
13) 1,4-Dichlorobenzene	7.898	146	1304979	38.410	ng		99
14) 1,2-Dichlorobenzene	8.216	146	1254013	38.554	ng		99
15) Benzyl Alcohol	8.098	79	892127	38.705	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.392	45	1554762	38.628	ng		99
17) 2-Methylphenol	8.298	107	865693	39.119	ng		98
18) Hexachloroethane	8.951	117	461565	38.629	ng		99
19) n-Nitroso-di-n-propyla...	8.669	70	804233	40.582	ng		98
20) 3+4-Methylphenols	8.628	107	1153500	38.828	ng		99
22) Acetophenone	8.681	105	1658059	39.254	ng	#	99
24) Nitrobenzene	9.057	77	1158614	39.209	ng		98
25) Isophorone	9.586	82	2134890	39.731	ng		100
26) 2-Nitrophenol	9.769	139	500678	41.573	ng		98
27) 2,4-Dimethylphenol	9.828	122	1002511	39.120	ng		99
28) bis(2-Chloroethoxy)met...	10.069	93	1393378	39.134	ng		99
29) 2,4-Dichlorophenol	10.304	162	1059842	40.255	ng		98
30) 1,2,4-Trichlorobenzene	10.522	180	1224173	38.868	ng		99
31) Naphthalene	10.710	128	3319721	38.687	ng		100
32) Benzoic acid	9.945	122	546926	36.416	ng		100
33) 4-Chloroaniline	10.810	127	1448728	39.935	ng		100
34) Hexachlorobutadiene	11.004	225	735985	38.287	ng		98
35) Caprolactam	11.580	113	286350	39.842	ng		99
36) 4-Chloro-3-methylphenol	11.933	107	990607	40.292	ng		98
37) 2-Methylnaphthalene	12.316	142	2147668	39.639	ng		99
38) 1-Methylnaphthalene	12.539	142	2272208	39.627	ng		99
40) 1,2,4,5-Tetrachloroben...	12.686	216	1342030	39.148	ng		99
41) Hexachlorocyclopentadiene	12.674	237	819638	37.405	ng		100
43) 2,4,6-Trichlorophenol	12.922	196	846428	40.113	ng		99

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44) 2,4,5-Trichlorophenol	12.992	196	917833	39.828	ng	98
46) 1,1'-Biphenyl	13.327	154	3138094	39.237	ng	99
47) 2-Chloronaphthalene	13.369	162	2513031	39.409	ng	99
48) 2-Nitroaniline	13.563	65	592609	41.634	ng	96
49) Acenaphthylene	14.216	152	3839412	39.840	ng	99
50) Dimethylphthalate	13.951	163	2916065	39.292	ng	100
51) 2,6-Dinitrotoluene	14.057	165	594910	41.749	ng	99
52) Acenaphthene	14.557	154	2422434	39.538	ng	100
53) 3-Nitroaniline	14.386	138	636432	41.996	ng	98
54) 2,4-Dinitrophenol	14.586	184	254984	36.238	ng	92
55) Dibenzofuran	14.886	168	3688817	39.075	ng	99
56) 4-Nitrophenol	14.680	139	526425	40.394	ng	96
57) 2,4-Dinitrotoluene	14.839	165	804634	38.303	ng	98
58) Fluorene	15.533	166	3079505	39.604	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	771927	39.791	ng	99
60) Diethylphthalate	15.310	149	2810029	39.637	ng	99
61) 4-Chlorophenyl-phenyle...	15.533	204	1600094	39.354	ng	98
62) 4-Nitroaniline	15.539	138	673524	39.162	ng	98
63) Azobenzene	15.821	77	2608064	40.064	ng	98
65) 4,6-Dinitro-2-methylph...	15.604	198	385118	36.542	ng	96
66) n-Nitrosodiphenylamine	15.739	169	2541040	39.468	ng	99
67) 4-Bromophenyl-phenylether	16.421	248	894343	39.453	ng	98
68) Hexachlorobenzene	16.539	284	1046999	39.106	ng	98
69) Atrazine	16.686	200	842425	39.848	ng	99
70) Pentachlorophenol	16.874	266	646550	38.793	ng	98
71) Phenanthrene	17.268	178	4508419	38.724	ng	99
72) Anthracene	17.357	178	4577103	39.496	ng	100
73) Carbazole	17.621	167	4126339	39.352	ng	99
74) Di-n-butylphthalate	18.192	149	4587331	39.969	ng	99
75) Fluoranthene	19.274	202	5008839	39.575	ng	99
77) Benzidine	19.451	184	2430477	45.105	ng	99
78) Pyrene	19.633	202	5331086	39.401	ng	100
80) Butylbenzylphthalate	20.533	149	1845186	41.359	ng	98
81) Benzo(a)anthracene	21.433	228	5459861	39.664	ng	100
82) 3,3'-Dichlorobenzidine	21.356	252	1783244	38.415	ng	100
83) Chrysene	21.497	228	5095338	39.245	ng	99
84) Bis(2-ethylhexyl)phtha...	21.368	149	2957902	41.765	ng	98
85) Di-n-octyl phthalate	22.521	149	4516993	40.722	ng	100
87) Indeno(1,2,3-cd)pyrene	27.932	276	5874332	40.395	ng	100
88) Benzo(b)fluoranthene	23.533	252	5005196	39.784	ng	100
89) Benzo(k)fluoranthene	23.597	252	5253318	40.242	ng	100
90) Benzo(a)pyrene	24.350	252	4766800	40.476	ng	99
91) Dibenzo(a,h)anthracene	27.991	278	4946864	40.393	ng	99
92) Benzo(g,h,i)perylene	28.997	276	4662826	40.284	ng	100

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

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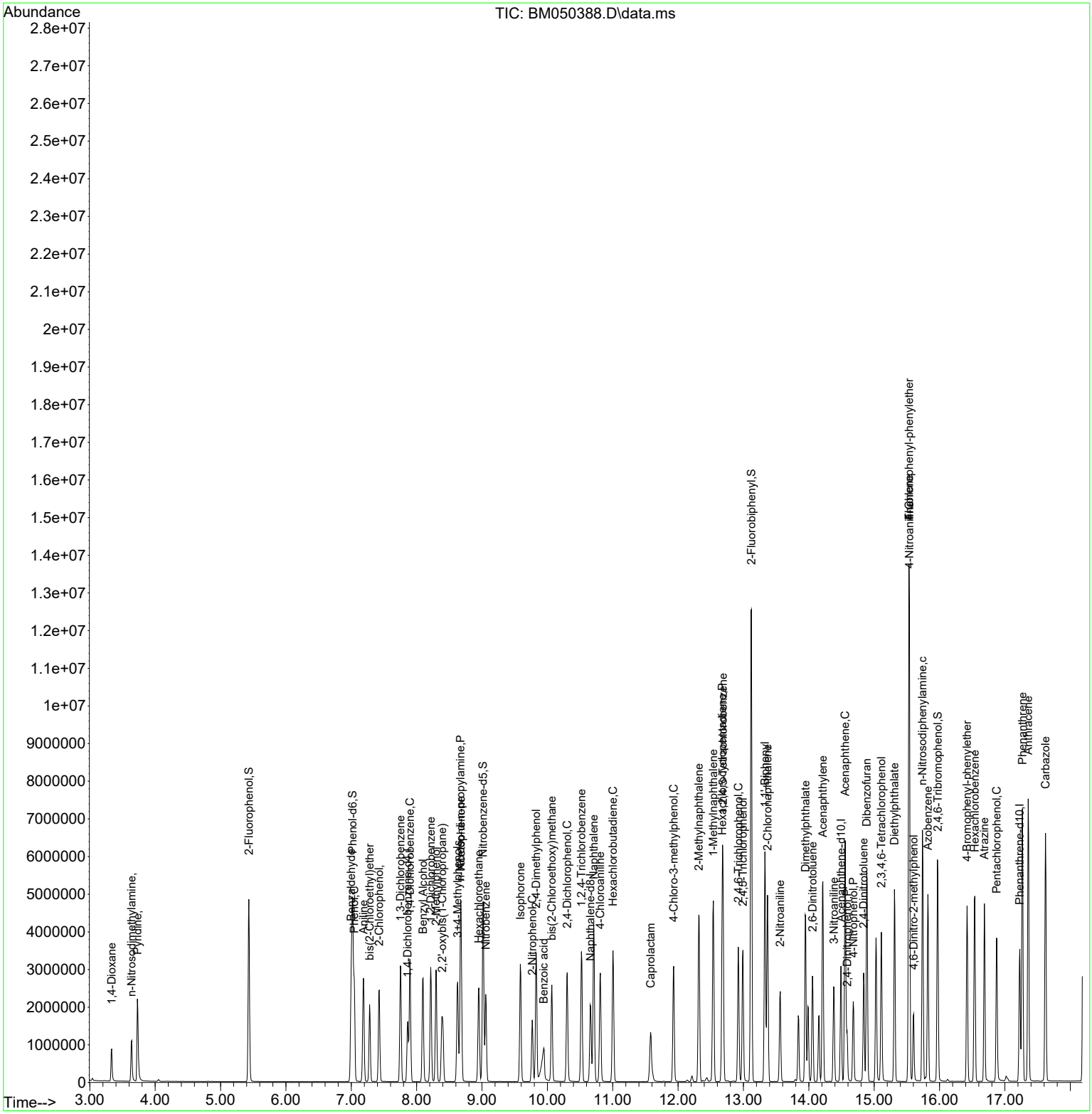

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