Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050398.D
Acq On : 10 Jul 2025 20:39
Operator : RC/JU
Sample : Q2489-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G4(0-6)MS

Quant Time: Jul 11 01:27:10 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	593749	20.000	ng		0.00
21) Naphthalene-d8	10.657	136	2296155	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	1504294	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	3001428	20.000	ng		0.00
76) Chrysene-d12	21.456	240	3160884	20.000	ng		0.00
86) Perylene-d12	24.491	264	2480587	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	2224952	64.503	ng		0.00
7) Phenol-d6	7.022	99	1766993	40.636	ng		0.00
23) Nitrobenzene-d5	9.016	82	3788091	84.167	ng		0.00
42) 2,4,6-Tribromophenol	15.974	330	3016991	165.068	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	9817246	80.594	ng		0.00
79) Terphenyl-d14	19.839	244	13758226	76.583	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	237337	16.733	ng		99
3) Pyridine	3.734	79	601867	16.163	ng		99
4) n-Nitrosodimethylamine	3.640	42	338577	19.503	ng	#	97
6) Aniline	7.187	93	1533319	27.477	ng		99
8) 2-Chlorophenol	7.428	128	1362013	37.447	ng		98
9) Benzaldehyde	6.998	77	990975	38.311	ng		98
10) Phenol	7.045	94	653586	14.411	ng		100
11) bis(2-Chloroethyl)ether	7.281	93	1535846	42.285	ng		99
12) 1,3-Dichlorobenzene	7.751	146	1118342	25.287	ng		98
13) 1,4-Dichlorobenzene	7.898	146	1171030	25.931	ng		99
14) 1,2-Dichlorobenzene	8.216	146	1184052	27.386	ng		100
15) Benzyl Alcohol	8.098	79	993359	32.422	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.387	45	2080061	38.880	ng		100
17) 2-Methylphenol	8.298	107	955706	32.490	ng		99
18) Hexachloroethane	8.951	117	383987	24.177	ng		96
19) n-Nitroso-di-n-propyla...	8.669	70	1265497	48.041	ng		96
20) 3+4-Methylphenols	8.628	107	1175122	29.759	ng		99
22) Acetophenone	8.681	105	2548607	44.393	ng		97
24) Nitrobenzene	9.057	77	1726765	42.995	ng		98
25) Isophorone	9.592	82	3525997	48.281	ng		100
26) 2-Nitrophenol	9.769	139	815463	49.819	ng		98
27) 2,4-Dimethylphenol	9.834	122	1492881	42.861	ng		97
28) bis(2-Chloroethoxy)met...	10.069	93	2226233	46.004	ng		99
29) 2,4-Dichlorophenol	10.304	162	1642192	45.893	ng		98
30) 1,2,4-Trichlorobenzene	10.522	180	1457078	34.039	ng		100
31) Naphthalene	10.710	128	4450418	38.159	ng		99
32) Benzoic acid	9.922	122	314772	18.865	ng		97
33) 4-Chloroaniline	10.810	127	1494176	30.304	ng		99
34) Hexachlorobutadiene	11.004	225	762547	29.187	ng		99
35) Caprolactam	11.586	113	88450m	9.055	ng		
36) 4-Chloro-3-methylphenol	11.933	107	1504550	45.026	ng		97
37) 2-Methylnaphthalene	12.322	142	3273041	44.447	ng		99
38) 1-Methylnaphthalene	12.539	142	3475568	44.597	ng		99
40) 1,2,4,5-Tetrachloroben...	12.686	216	2158519	45.122	ng		100
41) Hexachlorocyclopentadiene	12.675	237	2202761	72.036	ng		100
43) 2,4,6-Trichlorophenol	12.922	196	1508438	51.227	ng		99

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44) 2,4,5-Trichlorophenol	12.992	196	1654685	51.453	ng		98
46) 1,1'-Biphenyl	13.327	154	5134210	46.002	ng		99
47) 2-Chloronaphthalene	13.369	162	3996208	44.908	ng		99
48) 2-Nitroaniline	13.563	65	1097792	55.269	ng		95
49) Acenaphthylene	14.216	152	6502221	48.349	ng		99
50) Dimethylphthalate	13.951	163	5492602	53.034	ng		100
51) 2,6-Dinitrotoluene	14.063	165	1097204	55.177	ng		96
52) Acenaphthene	14.557	154	4658542m	54.486	ng		
53) 3-Nitroaniline	14.386	138	793223	37.509	ng		99
54) 2,4-Dinitrophenol	14.592	184	1268000	112.711	ng	#	85
55) Dibenzofuran	14.892	168	6291245	47.756	ng		99
56) 4-Nitrophenol	14.686	139	727022	39.976	ng		96
57) 2,4-Dinitrotoluene	14.845	165	1577324	52.704	ng		97
58) Fluorene	15.539	166	5530046	50.964	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	1477699	54.585	ng		98
60) Diethylphthalate	15.316	149	5128680	51.841	ng		100
61) 4-Chlorophenyl-phenyle...	15.533	204	2922679	51.511	ng		97
62) 4-Nitroaniline	15.545	138	1172268	48.205	ng		98
63) Azobenzene	15.821	77	4738176	52.158	ng		98
65) 4,6-Dinitro-2-methylph...	15.604	198	851588	52.140	ng		97
66) n-Nitrosodiphenylamine	15.745	169	4656336	49.578	ng		100
67) 4-Bromophenyl-phenylether	16.421	248	1727958	52.253	ng		100
68) Hexachlorobenzene	16.539	284	1997235	51.137	ng		96
69) Atrazine	16.692	200	1702330	55.199	ng		100
70) Pentachlorophenol	16.874	266	2906548	119.545	ng		99
71) Phenanthrene	17.268	178	8458203	49.802	ng		99
72) Anthracene	17.362	178	8602361	50.884	ng		99
73) Carbazole	17.621	167	7985603	52.205	ng		99
74) Di-n-butylphthalate	18.198	149	9347956	55.833	ng		99
75) Fluoranthene	19.274	202	10212191	55.311	ng		99
77) Benzidine	19.451	184	5021242	62.281	ng		100
78) Pyrene	19.639	202	10584561	52.285	ng		100
80) Butylbenzylphthalate	20.533	149	4212458	63.107	ng		98
81) Benzo(a)anthracene	21.439	228	10652130	51.721	ng		99
82) 3,3'-Dichlorobenzidine	21.356	252	3348107	48.206	ng		100
83) Chrysene	21.497	228	9862925	50.772	ng		99
84) Bis(2-ethylhexyl)phtha...	21.368	149	6463875	61.000	ng		97
85) Di-n-octyl phthalate	22.521	149	10297978	62.050	ng		98
87) Indeno(1,2,3-cd)pyrene	27.932	276	7968564	45.182	ng	#	93
88) Benzo(b)fluoranthene	23.533	252	8758935	57.405	ng		100
89) Benzo(k)fluoranthene	23.597	252	8704573	54.980	ng		100
90) Benzo(a)pyrene	24.350	252	7714979	54.014	ng		100
91) Dibenzo(a,h)anthracene	27.997	278	6728546	45.300	ng		99
92) Benzo(g,h,i)perylene	29.003	276	6186792	44.072	ng		99

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

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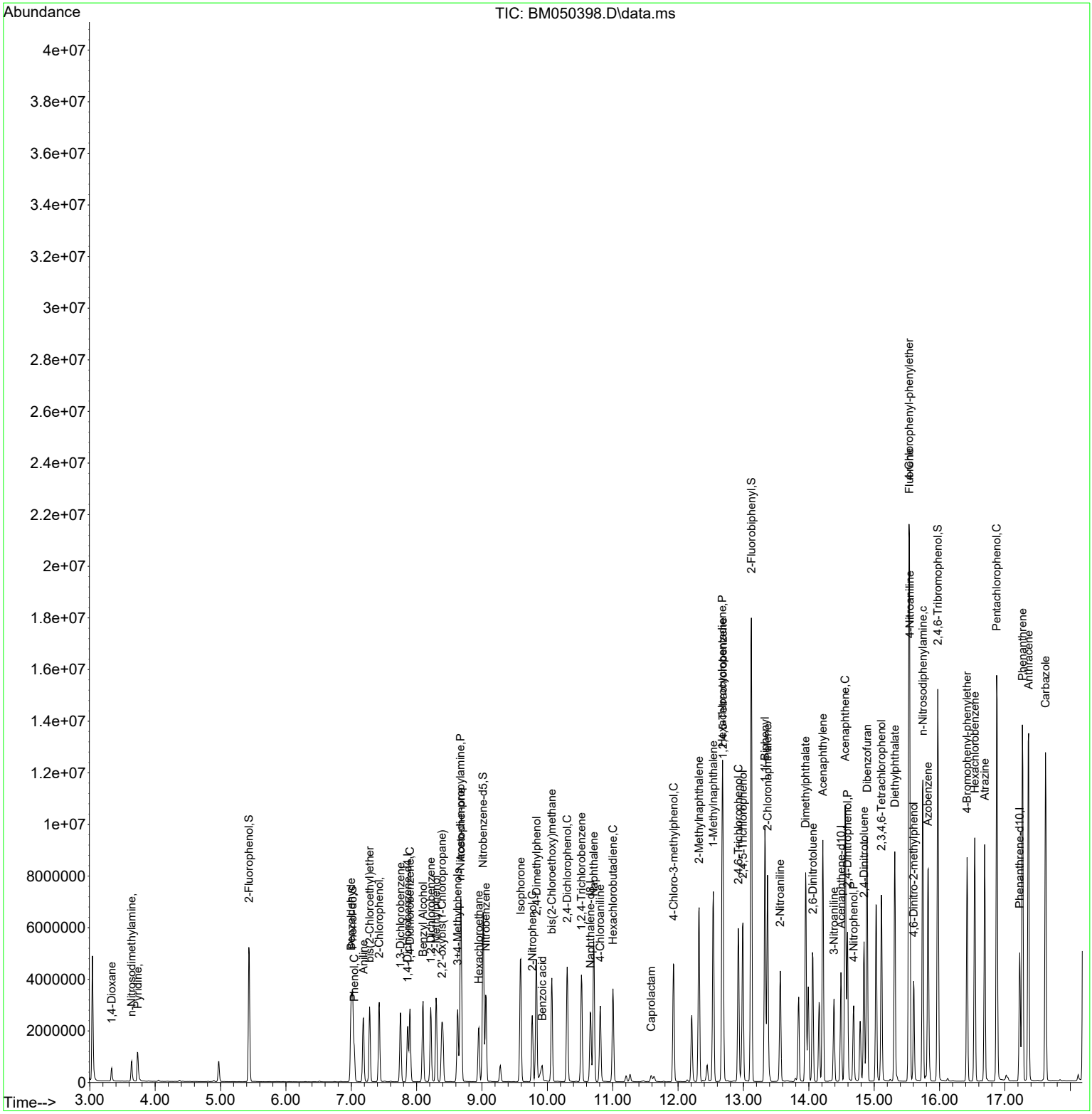

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