Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
Data File : BM050449.D
Acq On : 15 Jul 2025 10:50
Operator : RC/JU
Sample : PB168845BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168845BS

Quant Time: Jul 15 11:21:40 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	7.857	152	519871	20.000	ng		0.00
21) Naphthalene-d8	10.651	136	1924110	20.000	ng		-0.01
39) Acenaphthene-d10	14.486	164	1201064	20.000	ng		0.00
64) Phenanthrene-d10	17.215	188	2288993	20.000	ng		-0.01
76) Chrysene-d12	21.439	240	2517966	20.000	ng		-0.02
86) Perylene-d12	24.468	264	2659539	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	3935585	130.309	ng		0.00
7) Phenol-d6	7.022	99	4896573	128.611	ng		0.00
23) Nitrobenzene-d5	9.010	82	2925064	77.559	ng		-0.01
42) 2,4,6-Tribromophenol	15.968	330	2175692	149.091	ng		0.00
45) 2-Fluorobiphenyl	13.110	172	7596668	78.109	ng		-0.01
79) Terphenyl-d14	19.827	244	11484944	80.252	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	447107	36.002	ng		99
3) Pyridine	3.734	79	1268711	38.912	ng		98
4) n-Nitrosodimethylamine	3.634	42	631419	41.541	ng		98
6) Aniline	7.181	93	1535788	31.432	ng		99
8) 2-Chlorophenol	7.428	128	1486998	46.693	ng		97
9) Benzaldehyde	6.993	77	894959	39.516	ng		99
10) Phenol	7.051	94	1827741	46.027	ng		98
11) bis(2-Chloroethyl)ether	7.281	93	1359519	42.750	ng		99
12) 1,3-Dichlorobenzene	7.751	146	1652741	42.680	ng		98
13) 1,4-Dichlorobenzene	7.892	146	1681552	42.527	ng		99
14) 1,2-Dichlorobenzene	8.210	146	1619823	42.790	ng		99
15) Benzyl Alcohol	8.092	79	1188610	44.308	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.387	45	1945209	41.526	ng		99
17) 2-Methylphenol	8.298	107	1163370	45.170	ng		98
18) Hexachloroethane	8.945	117	590114	42.435	ng		96
19) n-Nitroso-di-n-propyla...	8.669	70	1005653	43.602	ng		96
20) 3+4-Methylphenols	8.622	107	1551833	44.883	ng		99
22) Acetophenone	8.681	105	2077632	43.187	ng	#	97
24) Nitrobenzene	9.057	77	1489939	44.272	ng		97
25) Isophorone	9.586	82	2666404	43.570	ng		99
26) 2-Nitrophenol	9.763	139	712891	51.974	ng		96
27) 2,4-Dimethylphenol	9.828	122	1344519	46.066	ng		97
28) bis(2-Chloroethoxy)met...	10.063	93	1772191	43.702	ng		100
29) 2,4-Dichlorophenol	10.298	162	1433985	47.823	ng		98
30) 1,2,4-Trichlorobenzene	10.516	180	1599191	44.582	ng		99
31) Naphthalene	10.704	128	4253199	43.519	ng		100
32) Benzoic acid	9.951	122	867267	48.359	ng		98
33) 4-Chloroaniline	10.804	127	811458	19.640	ng		98
34) Hexachlorobutadiene	10.998	225	965588	44.104	ng		100
35) Caprolactam	11.586	113	374144	45.708	ng		92
36) 4-Chloro-3-methylphenol	11.927	107	1292667	46.165	ng		98
37) 2-Methylnaphthalene	12.310	142	2776070	44.987	ng		98
38) 1-Methylnaphthalene	12.533	142	2893477	44.307	ng		100
40) 1,2,4,5-Tetrachloroben...	12.680	216	1813427	47.478	ng		99
41) Hexachlorocyclopentadiene	12.669	237	2488427	101.923	ng		99
43) 2,4,6-Trichlorophenol	12.916	196	1149877	48.909	ng		97

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44) 2,4,5-Trichlorophenol	12.986	196	1261847	49.144	ng	98
46) 1,1'-Biphenyl	13.322	154	4030985	45.236	ng	99
47) 2-Chloronaphthalene	13.363	162	3173492	44.666	ng	99
48) 2-Nitroaniline	13.557	65	777873	49.050	ng	96
49) Acenaphthylene	14.204	152	4897097	45.607	ng	99
50) Dimethylphthalate	13.939	163	3704512	44.800	ng	100
51) 2,6-Dinitrotoluene	14.051	165	780349	49.150	ng	97
52) Acenaphthene	14.551	154	3002019m	43.976	ng	
53) 3-Nitroaniline	14.380	138	491285	29.096	ng	97
54) 2,4-Dinitrophenol	14.580	184	830481	93.609	ng	86
55) Dibenzofuran	14.880	168	4627351	43.993	ng	100
56) 4-Nitrophenol	14.686	139	1477021	101.721	ng	89
57) 2,4-Dinitrotoluene	14.833	165	1098831	46.332	ng	98
58) Fluorene	15.527	166	3880558	44.791	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	1075655	49.766	ng	97
60) Diethylphthalate	15.304	149	3562643	45.103	ng	100
61) 4-Chlorophenyl-phenyle...	15.521	204	2055772	45.380	ng	98
62) 4-Nitroaniline	15.533	138	816764	42.395	ng	98
63) Azobenzene	15.815	77	3202185	44.149	ng	99
65) 4,6-Dinitro-2-methylph...	15.598	198	572349	46.698	ng	90
66) n-Nitrosodiphenylamine	15.733	169	3256403	45.464	ng	100
67) 4-Bromophenyl-phenylether	16.410	248	1189767	47.177	ng	99
68) Hexachlorobenzene	16.527	284	1410842	47.366	ng	96
69) Atrazine	16.680	200	1144720	48.671	ng	99
70) Pentachlorophenol	16.868	266	2032081	109.592	ng	100
71) Phenanthrene	17.257	178	5821338	44.944	ng	100
72) Anthracene	17.351	178	5930269	45.996	ng	100
73) Carbazole	17.615	167	5431099	46.556	ng	99
74) Di-n-butylphthalate	18.180	149	5925871	46.409	ng	99
75) Fluoranthene	19.262	202	6761057	48.016	ng	99
77) Benzidine	19.445	184	3074845	47.877	ng	99
78) Pyrene	19.627	202	7238761	44.888	ng	100
80) Butylbenzylphthalate	20.521	149	2703626	50.845	ng	97
81) Benzo(a)anthracene	21.421	228	7722828	47.072	ng	100
82) 3,3'-Dichlorobenzidine	21.339	252	1722732	31.137	ng	100
83) Chrysene	21.486	228	7206519	46.570	ng	100
84) Bis(2-ethylhexyl)phtha...	21.350	149	4152743	49.196	ng	97
85) Di-n-octyl phthalate	22.491	149	7006614	52.997	ng	98
87) Indeno(1,2,3-cd)pyrene	27.891	276	9235265	48.840	ng	99
88) Benzo(b)fluoranthene	23.509	252	7798254	47.670	ng	99
89) Benzo(k)fluoranthene	23.574	252	7687934	45.291	ng	100
90) Benzo(a)pyrene	24.327	252	7350144	47.998	ng	99
91) Dibenzo(a,h)anthracene	27.956	278	7682077	48.240	ng	99
92) Benzo(g,h,i)perylene	28.962	276	7347259	48.817	ng	99

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

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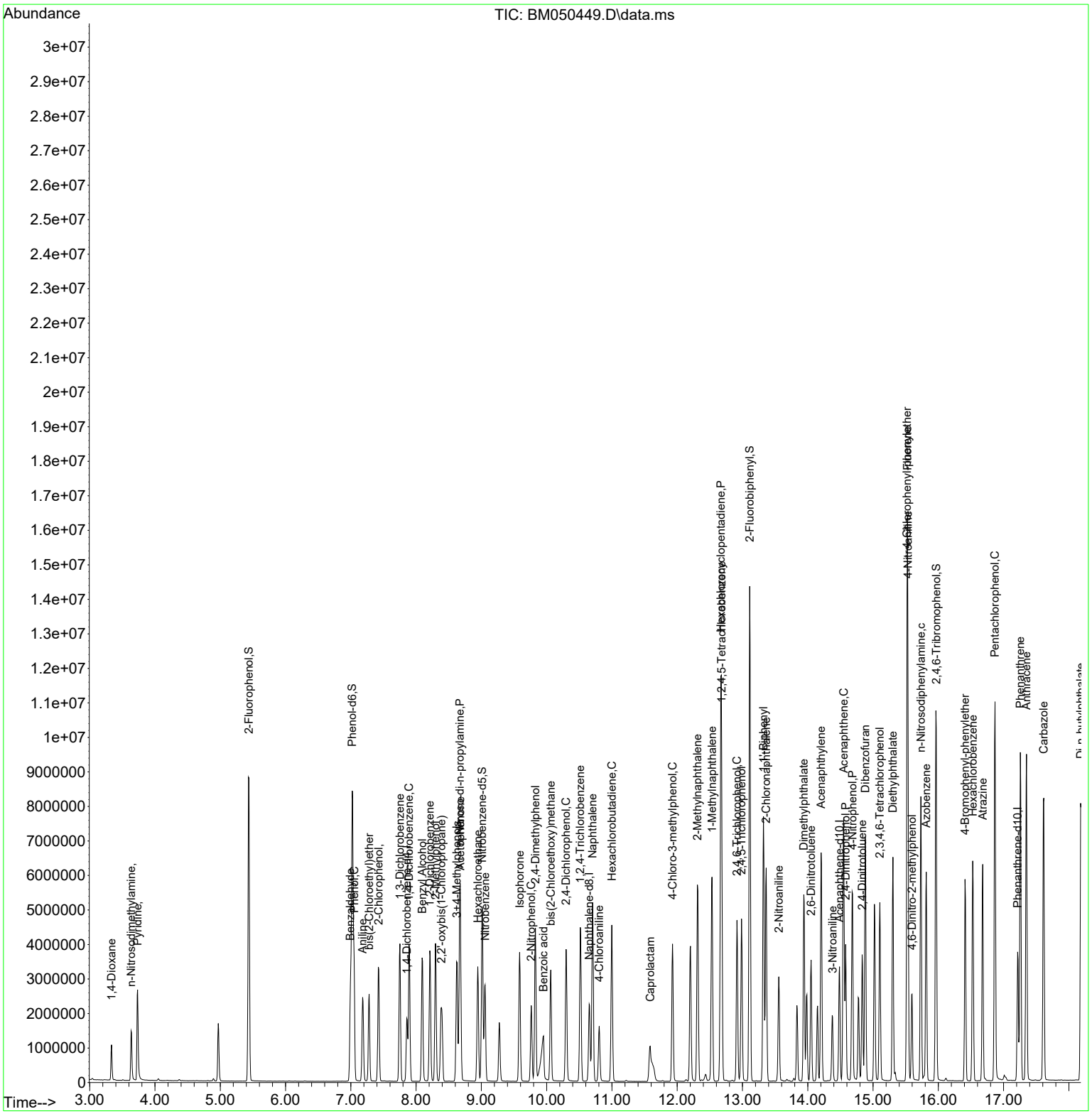

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