Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072225\
Data File : BM050482.D
Acq On : 22 Jul 2025 12:08
Operator : RC/JU
Sample : PB168929BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168929BS

Quant Time: Jul 22 12:46:38 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	7.845	152	541257	20.000	ng		0.00
21) Naphthalene-d8	10.639	136	2050416	20.000	ng		0.00
39) Acenaphthene-d10	14.474	164	1344342	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	2665592	20.000	ng		0.00
76) Chrysene-d12	21.427	240	2872689	20.000	ng		0.00
86) Perylene-d12	24.450	264	3026096	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	3962187	126.006	ng		0.00
7) Phenol-d6	7.010	99	5047458	127.336	ng		0.00
23) Nitrobenzene-d5	8.998	82	2992006	74.447	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	2353850	144.108	ng		0.00
45) 2-Fluorobiphenyl	13.098	172	7939734	72.936	ng		0.00
79) Terphenyl-d14	19.815	244	11850956	72.584	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	447244	34.590	ng		100
3) Pyridine	3.716	79	1261766	37.170	ng		99
4) n-Nitrosodimethylamine	3.622	42	628305	39.703	ng		95
6) Aniline	7.169	93	1609896	31.647	ng		100
8) 2-Chlorophenol	7.410	128	1539833	46.441	ng		98
9) Benzaldehyde	6.981	77	888745	37.691	ng		99
10) Phenol	7.039	94	1912032	46.247	ng		98
11) bis(2-Chloroethyl)ether	7.263	93	1391930	42.039	ng		100
12) 1,3-Dichlorobenzene	7.734	146	1678116	41.623	ng		98
13) 1,4-Dichlorobenzene	7.881	146	1709719	41.531	ng		100
14) 1,2-Dichlorobenzene	8.198	146	1651445	41.901	ng		99
15) Benzyl Alcohol	8.081	79	1259264	45.088	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.369	45	2018375	41.385	ng		99
17) 2-Methylphenol	8.286	107	1234551	46.040	ng		99
18) Hexachloroethane	8.928	117	601604	41.552	ng		98
19) n-Nitroso-di-n-propyla...	8.651	70	1051146	43.774	ng		97
20) 3+4-Methylphenols	8.610	107	1677236	46.594	ng		99
22) Acetophenone	8.663	105	2151549	41.969	ng	#	97
24) Nitrobenzene	9.039	77	1544025	43.052	ng		99
25) Isophorone	9.569	82	2828118	43.366	ng		99
26) 2-Nitrophenol	9.751	139	766784	52.460	ng		96
27) 2,4-Dimethylphenol	9.816	122	1436097	46.173	ng		97
28) bis(2-Chloroethoxy)met...	10.045	93	1879590	43.495	ng		100
29) 2,4-Dichlorophenol	10.286	162	1528643	47.839	ng		98
30) 1,2,4-Trichlorobenzene	10.504	180	1640483	42.916	ng		99
31) Naphthalene	10.692	128	4438226	42.615	ng		100
32) Benzoic acid	9.945	122	933895	48.803	ng		96
33) 4-Chloroaniline	10.792	127	967281	21.969	ng		99
34) Hexachlorobutadiene	10.980	225	983215	42.143	ng		99
35) Caprolactam	11.574	113	422971m	48.489	ng		
36) 4-Chloro-3-methylphenol	11.916	107	1442231	48.334	ng		98
37) 2-Methylnaphthalene	12.298	142	2950756	44.873	ng		98
38) 1-Methylnaphthalene	12.516	142	3085515	44.337	ng		99
40) 1,2,4,5-Tetrachloroben...	12.669	216	1909939	44.676	ng		100
41) Hexachlorocyclopentadiene	12.657	237	2549346	93.290	ng		99
43) 2,4,6-Trichlorophenol	12.904	196	1290292	49.032	ng		97

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44) 2,4,5-Trichlorophenol	12.974	196	1417682	49.329	ng		97
46) 1,1'-Biphenyl	13.310	154	4337825	43.491	ng		100
47) 2-Chloronaphthalene	13.351	162	3392904	42.665	ng		99
48) 2-Nitroaniline	13.545	65	883658	49.782	ng		96
49) Acenaphthylene	14.192	152	5356853	44.572	ng		99
50) Dimethylphthalate	13.927	163	4144609	44.780	ng		100
51) 2,6-Dinitrotoluene	14.039	165	885364	49.821	ng		97
52) Acenaphthene	14.539	154	3280712	42.937	ng		99
53) 3-Nitroaniline	14.368	138	582189	30.805	ng		98
54) 2,4-Dinitrophenol	14.574	184	1113316	110.848	ng	#	80
55) Dibenzofuran	14.868	168	5119385	43.484	ng		100
56) 4-Nitrophenol	14.674	139	1679738	103.353	ng		94
57) 2,4-Dinitrotoluene	14.827	165	1263370	47.519	ng		94
58) Fluorene	15.515	166	4296582	44.308	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	1228348	50.773	ng		96
60) Diethylphthalate	15.292	149	4017176	45.437	ng		100
61) 4-Chlorophenyl-phenyle...	15.510	204	2265529	44.680	ng		99
62) 4-Nitroaniline	15.527	138	939307	43.489	ng		99
63) Azobenzene	15.804	77	3560760	43.861	ng		98
65) 4,6-Dinitro-2-methylph...	15.586	198	723403	50.146	ng		92
66) n-Nitrosodiphenylamine	15.721	169	3703857	44.405	ng		100
67) 4-Bromophenyl-phenylether	16.404	248	1346801	45.858	ng		98
68) Hexachlorobenzene	16.515	284	1589638	45.829	ng		97
69) Atrazine	16.668	200	1316303	48.059	ng		99
70) Pentachlorophenol	16.857	266	2238621	103.674	ng		97
71) Phenanthrene	17.251	178	6621207	43.897	ng		99
72) Anthracene	17.339	178	6697664	44.609	ng		100
73) Carbazole	17.604	167	6200693	45.644	ng		99
74) Di-n-butylphthalate	18.168	149	6725718	45.232	ng		100
75) Fluoranthene	19.256	202	7713352	47.040	ng		99
77) Benzidine	19.433	184	3685295	50.296	ng		100
78) Pyrene	19.615	202	8160875	44.357	ng		100
80) Butylbenzylphthalate	20.509	149	3043688	50.172	ng		98
81) Benzo(a)anthracene	21.409	228	8481543	45.313	ng		100
82) 3,3'-Dichlorobenzidine	21.333	252	1787115	28.312	ng		99
83) Chrysene	21.474	228	7868587	44.569	ng		100
84) Bis(2-ethylhexyl)phtha...	21.339	149	4586781	47.628	ng	#	96
85) Di-n-octyl phthalate	22.480	149	7836676	51.956	ng		98
87) Indeno(1,2,3-cd)pyrene	27.873	276	10151221	47.182	ng		99
88) Benzo(b)fluoranthene	23.497	252	8371728	44.977	ng		100
89) Benzo(k)fluoranthene	23.562	252	8504665	44.034	ng		100
90) Benzo(a)pyrene	24.309	252	8030116	46.086	ng		99
91) Dibenzo(a,h)anthracene	27.932	278	8438839	46.573	ng		99
92) Benzo(g,h,i)perylene	28.938	276	8107610	47.343	ng		98

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

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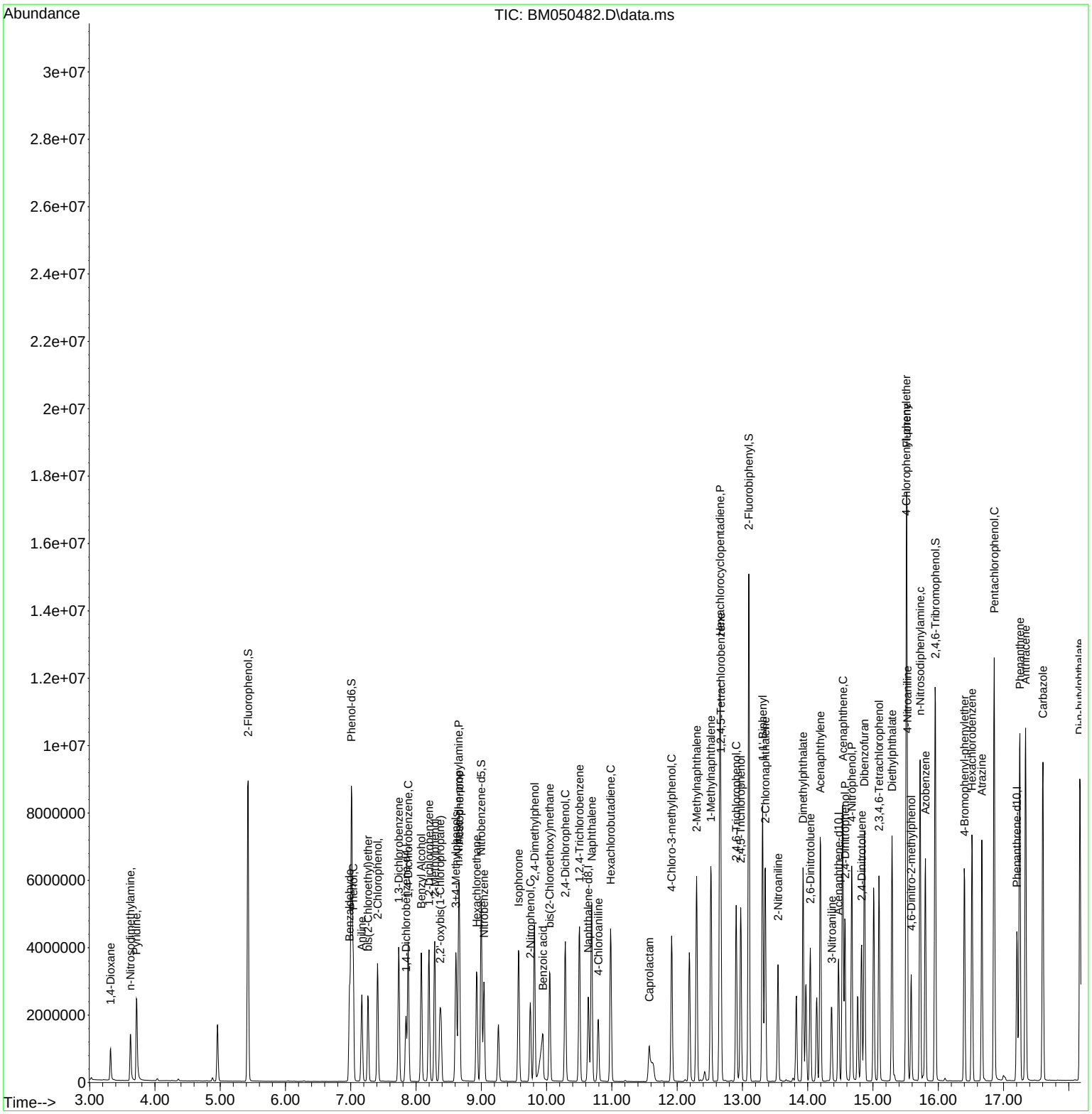

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