Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050211.D
Acq On : 06 Jun 2025 12:46
Operator : RC/JU
Sample : Q2177-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

Quant Time: Jun 06 14:32:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	347769	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1350319	20.000	ng	0.00
39) Acenaphthene-d10	14.415	164	744312	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1278962	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1127474	20.000	ng	0.00
86) Perylene-d12	24.368	264	1245310	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2430803	116.598	ng	0.00
7) Phenol-d6	6.957	99	2905330	105.864	ng	0.00
23) Nitrobenzene-d5	8.939	82	2004766	77.214	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	1020943	120.593	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	4129019	75.104	ng	0.00
79) Terphenyl-d14	19.780	244	4641959	78.021	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	304263	33.295	ng	# 77
3) Pyridine	3.693	79	827427	34.964	ng	99
4) n-Nitrosodimethylamine	3.599	42	193516	39.545	ng	95
6) Aniline	7.116	93	729082	20.096	ng	99
8) 2-Chlorophenol	7.357	128	974022	42.475	ng	99
9) Benzaldehyde	6.928	77	349435	20.027	ng	100
10) Phenol	6.981	94	1087108	37.438	ng	99
11) bis(2-Chloroethyl)ether	7.216	93	950012	40.675	ng	99
12) 1,3-Dichlorobenzene	7.681	146	922280	35.976	ng	99
13) 1,4-Dichlorobenzene	7.822	146	952487	35.710	ng	99
14) 1,2-Dichlorobenzene	8.139	146	937100	36.854	ng	99
15) Benzyl Alcohol	8.022	79	826863	42.243	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.322	45	643282	39.648	ng	100
17) 2-Methylphenol	8.228	107	797691	41.634	ng	99
18) Hexachloroethane	8.869	117	350837	36.320	ng	100
19) n-Nitroso-di-n-propyla...	8.592	70	683284	40.685	ng	99
20) 3+4-Methylphenols	8.551	107	1054728	41.147	ng	99
22) Acetophenone	8.604	105	1400969	41.529	ng	99
24) Nitrobenzene	8.981	77	1011971	42.856	ng	99
25) Isophorone	9.510	82	1912338	42.674	ng	99
26) 2-Nitrophenol	9.686	139	471795	46.287	ng	99
27) 2,4-Dimethylphenol	9.751	122	918348	43.849	ng	98
28) bis(2-Chloroethoxy)met...	9.992	93	1245014	42.528	ng	100
29) 2,4-Dichlorophenol	10.222	162	873426	45.067	ng	99
30) 1,2,4-Trichlorobenzene	10.439	180	886234	41.092	ng	99
31) Naphthalene	10.627	128	2831466	40.557	ng	100
32) Benzoic acid	9.863	122	477925	36.311	ng	98
33) 4-Chloroaniline	10.727	127	187043	6.284	ng	99
34) Hexachlorobutadiene	10.922	225	516046	40.227	ng	100
35) Caprolactam	11.492	113	211805	34.472	ng	97
36) 4-Chloro-3-methylphenol	11.851	107	877820	42.447	ng	100
37) 2-Methylnaphthalene	12.239	142	1772625	42.088	ng	99
38) 1-Methylnaphthalene	12.457	142	1844686	41.266	ng	100
40) 1,2,4,5-Tetrachloroben...	12.610	216	960082	44.670	ng	99
41) Hexachlorocyclopentadiene	12.598	237	1140357	87.366	ng	97
43) 2,4,6-Trichlorophenol	12.845	196	659262	46.644	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	711164	45.827	ng		99
46) 1,1'-Biphenyl	13.251	154	2452677	44.007	ng		99
47) 2-Chloronaphthalene	13.292	162	1881619	43.426	ng		100
48) 2-Nitroaniline	13.486	65	452934	47.502	ng		98
49) Acenaphthylene	14.139	152	3052359	43.554	ng		100
50) Dimethylphthalate	13.874	163	2192800	43.562	ng		99
51) 2,6-Dinitrotoluene	13.986	165	471247	46.422	ng		99
52) Acenaphthene	14.480	154	2026567	46.232	ng		99
53) 3-Nitroaniline	14.310	138	203472	17.984	ng		98
54) 2,4-Dinitrophenol	14.510	184	442324	73.179	ng		97
55) Dibenzofuran	14.815	168	2748348	42.856	ng		99
56) 4-Nitrophenol	14.610	139	789854	82.024	ng		99
57) 2,4-Dinitrotoluene	14.768	165	637253	47.588	ng		99
58) Fluorene	15.462	166	2086832	42.486	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	586771	43.703	ng		93
60) Diethylphthalate	15.245	149	2118106	42.409	ng		99
61) 4-Chlorophenyl-phenyle...	15.462	204	1007290	42.432	ng		97
62) 4-Nitroaniline	15.468	138	431923	40.732	ng		98
63) Azobenzene	15.751	77	2096222	41.991	ng		98
65) 4,6-Dinitro-2-methylph...	15.527	198	303524	43.451	ng		98
66) n-Nitrosodiphenylamine	15.668	169	1833639	45.629	ng		99
67) 4-Bromophenyl-phenylether	16.351	248	631109	46.273	ng		99
68) Hexachlorobenzene	16.462	284	727918	45.681	ng		98
69) Atrazine	16.621	200	590156	46.090	ng		98
70) Pentachlorophenol	16.804	266	953669	92.052	ng		99
71) Phenanthrene	17.192	178	3163946	43.304	ng		100
72) Anthracene	17.286	178	3193033	43.685	ng		100
73) Carbazole	17.551	167	2890483	43.408	ng		100
74) Di-n-butylphthalate	18.133	149	3263385	45.042	ng		100
75) Fluoranthene	19.203	202	3320524	43.096	ng		99
77) Benzidine	19.386	184	701246	22.118	ng		99
78) Pyrene	19.568	202	3454160	45.454	ng		99
80) Butylbenzylphthalate	20.480	149	1245626	49.140	ng		99
81) Benzo(a)anthracene	21.368	228	3199318	44.831	ng		100
82) 3,3'-Dichlorobenzidine	21.286	252	474153	21.788	ng		99
83) Chrysene	21.427	228	3033462	44.686	ng		99
84) Bis(2-ethylhexyl)phtha...	21.315	149	1868435	47.853	ng		99
85) Di-n-octyl phthalate	22.456	149	3010702	51.964	ng		100
87) Indeno(1,2,3-cd)pyrene	27.744	276	4044672	50.443	ng	#	93
88) Benzo(b)fluoranthene	23.433	252	3187024	44.018	ng		99
89) Benzo(k)fluoranthene	23.497	252	3248023	43.944	ng		99
90) Benzo(a)pyrene	24.232	252	3112925	45.728	ng		99
91) Dibenzo(a,h)anthracene	27.809	278	3254856	50.009	ng		100
92) Benzo(g,h,i)perylene	28.791	276	3327556	51.082	ng		99

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

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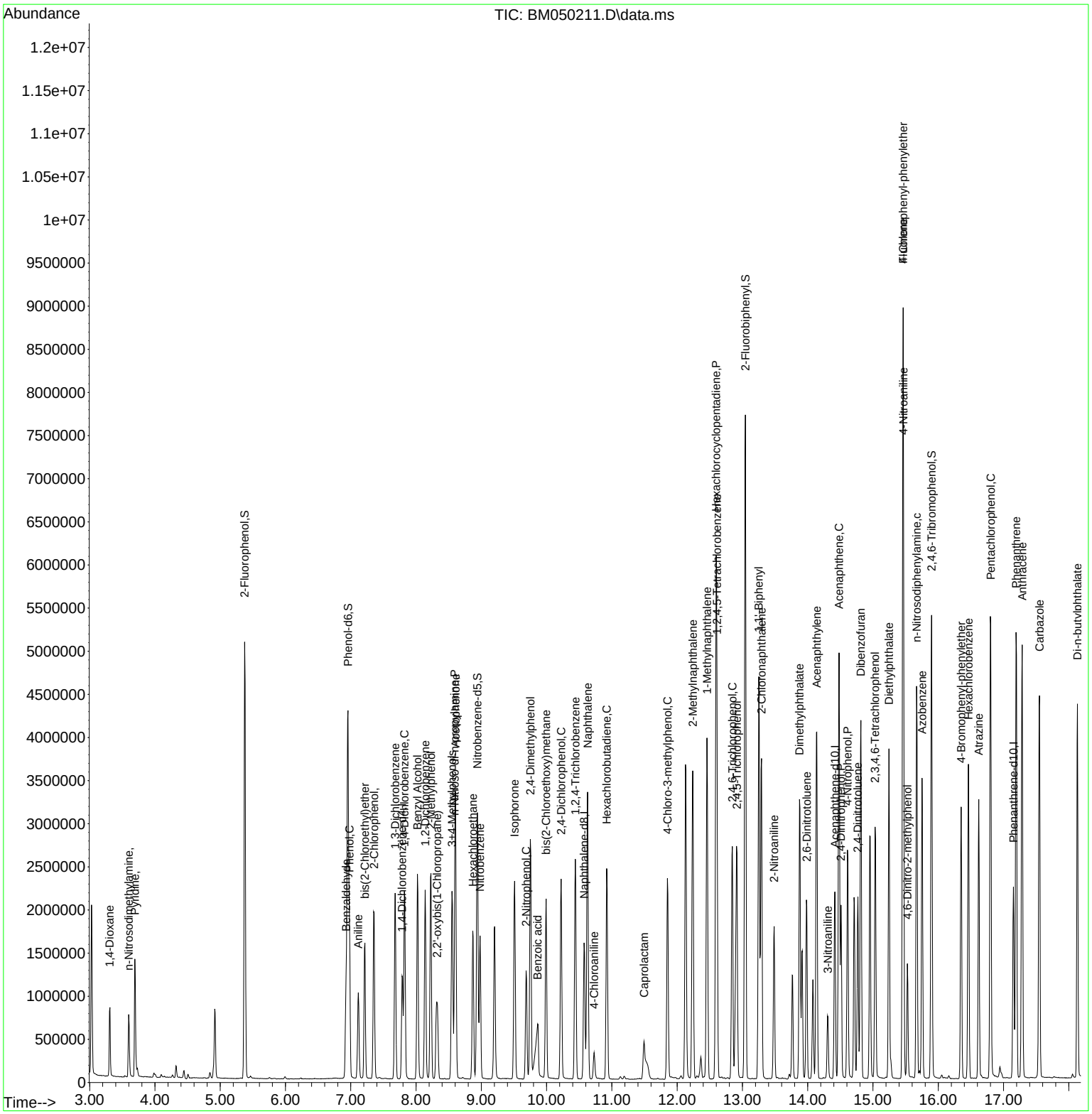

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