Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050424.D
Acq On : 14 Jul 2025 13:31
Operator : RC/JU
Sample : Q2126-09
Misc : MDL-MDL-WATER-4 PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

Quant Time: Jul 14 14:17:04 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	437702	20.000	ng		0.00
21) Naphthalene-d8	10.657	136	1584685	20.000	ng		0.00
39) Acenaphthene-d10	14.487	164	1009003	20.000	ng		0.00
64) Phenanthrene-d10	17.222	188	1975642	20.000	ng		0.00
76) Chrysene-d12	21.445	240	2144416	20.000	ng		-0.01
86) Perylene-d12	24.474	264	2286063	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	3098673	121.859	ng		0.00
7) Phenol-d6	7.022	99	3926743	122.500	ng		0.00
23) Nitrobenzene-d5	9.016	82	2462218	79.270	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	1609209	131.262	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	6253804	76.541	ng		0.00
79) Terphenyl-d14	19.833	244	10663513	87.492	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	38884	3.719	ng		97
3) Pyridine	3.740	79	97814	3.563	ng		96
4) n-Nitrosodimethylamine	3.640	42	45967	3.592	ng	#	86
6) Aniline	7.187	93	146125	3.552	ng		97
8) 2-Chlorophenol	7.428	128	103628	3.865	ng		97
9) Benzaldehyde	6.999	77	88941m	4.664	ng		
10) Phenol	7.046	94	125616	3.757	ng		87
11) bis(2-Chloroethyl)ether	7.281	93	98889	3.693	ng		98
12) 1,3-Dichlorobenzene	7.752	146	120190	3.686	ng		96
13) 1,4-Dichlorobenzene	7.899	146	122705	3.686	ng		100
14) 1,2-Dichlorobenzene	8.216	146	114610	3.596	ng		99
15) Benzyl Alcohol	8.099	79	77854	3.447	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.393	45	138942	3.523	ng		98
17) 2-Methylphenol	8.299	107	71352	3.290	ng		98
18) Hexachloroethane	8.952	117	41127	3.513	ng		99
19) n-Nitroso-di-n-propyla...	8.663	70	65126	3.354	ng		97
20) 3+4-Methylphenols	8.622	107	95986	3.297	ng		98
22) Acetophenone	8.681	105	143583	3.624	ng	#	96
24) Nitrobenzene	9.057	77	115095	4.152	ng		99
25) Isophorone	9.587	82	171479	3.402	ng		99
26) 2-Nitrophenol	9.769	139	32918	2.914	ng		91
27) 2,4-Dimethylphenol	9.828	122	79939	3.326	ng		99
28) bis(2-Chloroethoxy)met...	10.063	93	116764	3.496	ng		96
29) 2,4-Dichlorophenol	10.299	162	80179	3.247	ng		98
30) 1,2,4-Trichlorobenzene	10.522	180	107515	3.639	ng		97
31) Naphthalene	10.710	128	293103	3.641	ng		99
32) Benzoic acid	9.869	122	29464m	7.723	ng		
33) 4-Chloroaniline	10.810	127	112981	3.320	ng		97
34) Hexachlorobutadiene	11.004	225	63026	3.495	ng		97
35) Caprolactam	11.563	113	19024	2.822	ng		94
36) 4-Chloro-3-methylphenol	11.928	107	73112	3.170	ng		100
37) 2-Methylnaphthalene	12.316	142	173321	3.410	ng		95
38) 1-Methylnaphthalene	12.534	142	185802	3.455	ng		99
40) 1,2,4,5-Tetrachloroben...	12.681	216	109285	3.406	ng		98
41) Hexachlorocyclopentadiene	12.669	237	53757	2.621	ng		98
43) 2,4,6-Trichlorophenol	12.922	196	58778	2.976	ng		98

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44) 2,4,5-Trichlorophenol	12.987	196	65075	3.017	ng		96
46) 1,1'-Biphenyl	13.322	154	273411	3.652	ng		98
47) 2-Chloronaphthalene	13.363	162	216423	3.626	ng		99
48) 2-Nitroaniline	13.557	65	36389	2.731	ng		92
49) Acenaphthylene	14.210	152	301007	3.337	ng		98
50) Dimethylphthalate	13.940	163	246918	3.554	ng		99
51) 2,6-Dinitrotoluene	14.051	165	37877	2.840	ng	#	90
52) Acenaphthene	14.551	154	197894	3.451	ng		94
53) 3-Nitroaniline	14.381	138	39205	2.764	ng	#	88
54) 2,4-Dinitrophenol	14.581	184	11782	7.880	ng	#	88
55) Dibenzofuran	14.881	168	321190	3.635	ng		98
56) 4-Nitrophenol	14.681	139	28489	2.335	ng		90
57) 2,4-Dinitrotoluene	14.834	165	44432	4.823	ng	#	84
58) Fluorene	15.528	166	247123	3.395	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.104	232	56165	3.093	ng		98
60) Diethylphthalate	15.304	149	225831	3.403	ng		100
61) 4-Chlorophenyl-phenyle...	15.528	204	125132	3.288	ng		96
62) 4-Nitroaniline	15.534	138	37682	4.773	ng	#	76
63) Azobenzene	15.816	77	194962	3.200	ng		95
65) 4,6-Dinitro-2-methylph...	15.592	198	19023	7.858	ng		91
66) n-Nitrosodiphenylamine	15.734	169	199597	3.229	ng		98
67) 4-Bromophenyl-phenylether	16.416	248	72790	3.344	ng		94
68) Hexachlorobenzene	16.533	284	86558	3.367	ng		98
69) Atrazine	16.681	200	62330	3.070	ng		95
70) Pentachlorophenol	16.869	266	41682	2.604	ng		98
71) Phenanthrene	17.263	178	397302	3.554	ng		99
72) Anthracene	17.351	178	364910	3.279	ng		99
73) Carbazole	17.616	167	339520	3.372	ng		99
74) Di-n-butylphthalate	18.186	149	322280	2.924	ng		99
75) Fluoranthene	19.269	202	401242	3.302	ng		99
77) Benzidine	19.445	184	146323	2.675	ng		97
78) Pyrene	19.627	202	433029	3.153	ng		99
80) Butylbenzylphthalate	20.527	149	129145	2.852	ng		96
81) Benzo(a)anthracene	21.427	228	476181	3.408	ng		99
82) 3,3'-Dichlorobenzidine	21.345	252	132571	2.814	ng		97
83) Chrysene	21.486	228	450759	3.420	ng		99
84) Bis(2-ethylhexyl)phtha...	21.357	149	217517	3.026	ng		100
85) Di-n-octyl phthalate	22.504	149	315157	2.799	ng		97
87) Indeno(1,2,3-cd)pyrene	27.892	276	528812	3.253	ng		99
88) Benzo(b)fluoranthene	23.515	252	441337	3.139	ng		99
89) Benzo(k)fluoranthene	23.574	252	453162	3.106	ng		99
90) Benzo(a)pyrene	24.327	252	400965	3.046	ng		99
91) Dibenzo(a,h)anthracene	27.962	278	439294	3.209	ng		98
92) Benzo(g,h,i)perylene	28.956	276	433617	3.352	ng		99

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

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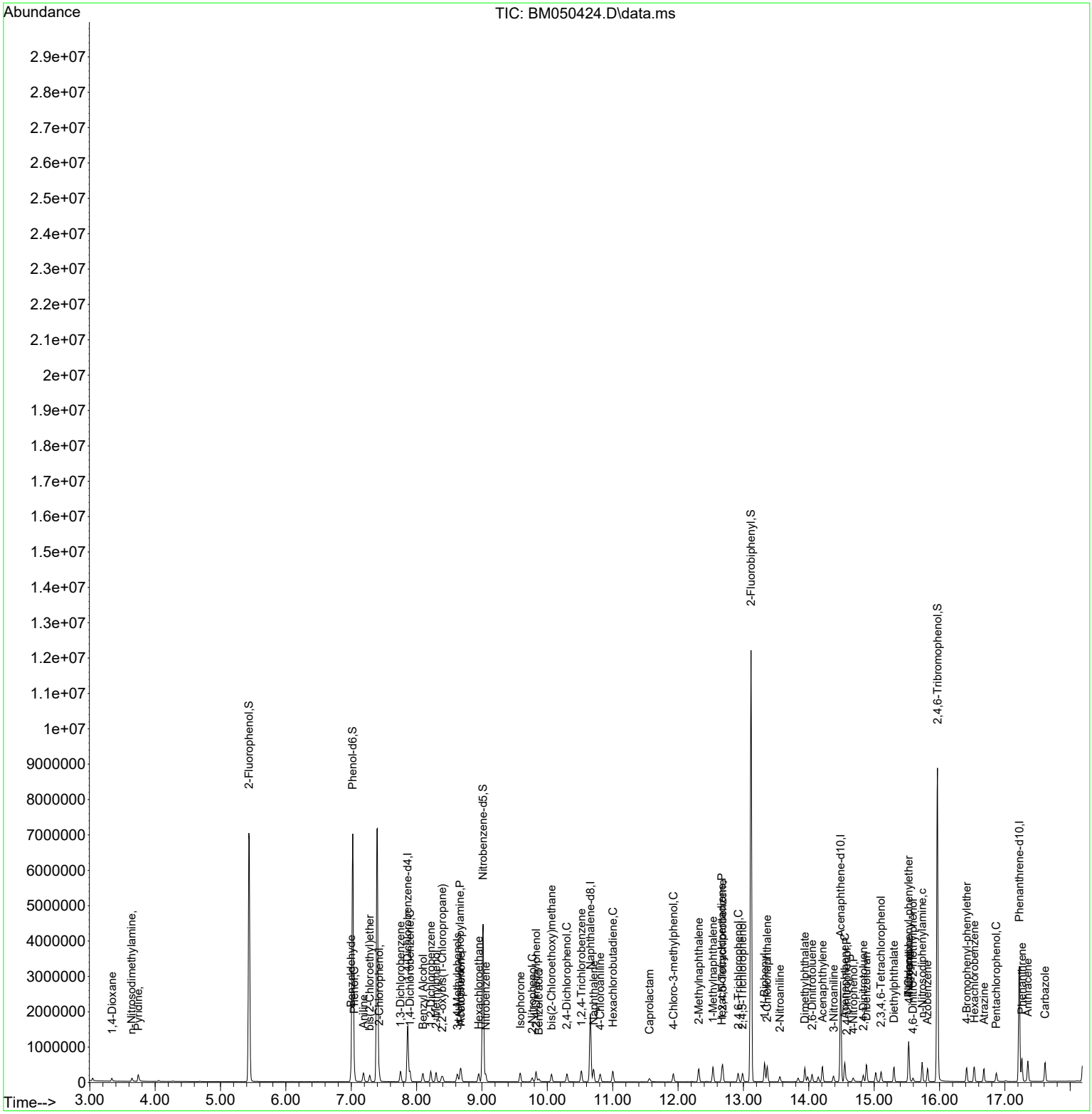

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