Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050425.D
Acq On : 14 Jul 2025 14:12
Operator : RC/JU
Sample : Q2126-09
Misc : MDL-MDL-WATER-8 PPM
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jul 14 14:53:30 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	373077	20.000	ng		0.00
21) Naphthalene-d8	10.657	136	1366822	20.000	ng		0.00
39) Acenaphthene-d10	14.486	164	846094	20.000	ng		0.00
64) Phenanthrene-d10	17.221	188	1593164	20.000	ng		0.00
76) Chrysene-d12	21.439	240	1711574	20.000	ng		-0.02
86) Perylene-d12	24.474	264	1812324	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	3139744	144.863	ng		0.00
7) Phenol-d6	7.022	99	4015957	146.984	ng		0.00
23) Nitrobenzene-d5	9.016	82	2468815	92.151	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	1587769	154.450	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	6275099	91.589	ng		0.00
79) Terphenyl-d14	19.833	244	10187176	104.722	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	80591	9.043	ng		99
3) Pyridine	3.740	79	196001	8.377	ng		96
4) n-Nitrosodimethylamine	3.646	42	92916	8.518	ng	#	98
6) Aniline	7.187	93	294641	8.403	ng		99
8) 2-Chlorophenol	7.428	128	205462	8.990	ng		98
9) Benzaldehyde	6.998	77	174740m	10.751	ng		
10) Phenol	7.045	94	253220	8.886	ng		94
11) bis(2-Chloroethyl)ether	7.281	93	190666	8.354	ng		94
12) 1,3-Dichlorobenzene	7.751	146	241071	8.675	ng		96
13) 1,4-Dichlorobenzene	7.898	146	242970	8.563	ng		100
14) 1,2-Dichlorobenzene	8.216	146	232807	8.570	ng		97
15) Benzyl Alcohol	8.098	79	160227	8.323	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.387	45	285184	8.484	ng		99
17) 2-Methylphenol	8.298	107	152078	8.228	ng		98
18) Hexachloroethane	8.951	117	83639	8.381	ng		97
19) n-Nitroso-di-n-propyla...	8.663	70	135890	8.210	ng		99
20) 3+4-Methylphenols	8.622	107	196260	7.910	ng		99
22) Acetophenone	8.681	105	293307	8.583	ng	#	97
24) Nitrobenzene	9.057	77	221165	9.251	ng		100
25) Isophorone	9.586	82	356824	8.208	ng		99
26) 2-Nitrophenol	9.769	139	73092	7.502	ng		98
27) 2,4-Dimethylphenol	9.828	122	167672	8.087	ng		99
28) bis(2-Chloroethoxy)met...	10.063	93	236298	8.203	ng		98
29) 2,4-Dichlorophenol	10.298	162	173634	8.152	ng		97
30) 1,2,4-Trichlorobenzene	10.522	180	215086	8.441	ng		98
31) Naphthalene	10.710	128	593352	8.547	ng		98
32) Benzoic acid	9.881	122	60888	10.163	ng		94
33) 4-Chloroaniline	10.810	127	237355	8.087	ng		99
34) Hexachlorobutadiene	11.004	225	130178	8.370	ng		96
35) Caprolactam	11.563	113	41120	7.072	ng		94
36) 4-Chloro-3-methylphenol	11.928	107	153032	7.694	ng		98
37) 2-Methylnaphthalene	12.316	142	358671	8.182	ng		100
38) 1-Methylnaphthalene	12.533	142	378079	8.150	ng		99
40) 1,2,4,5-Tetrachloroben...	12.680	216	219145	8.145	ng		99
41) Hexachlorocyclopentadiene	12.669	237	111536	6.485	ng		98
43) 2,4,6-Trichlorophenol	12.916	196	127092	7.674	ng		97

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44) 2,4,5-Trichlorophenol	12.986	196	142993	7.905	ng		99
46) 1,1'-Biphenyl	13.322	154	545043	8.683	ng		99
47) 2-Chloronaphthalene	13.363	162	431346	8.618	ng		99
48) 2-Nitroaniline	13.557	65	81522	7.297	ng		93
49) Acenaphthylene	14.210	152	625802	8.273	ng		99
50) Dimethylphthalate	13.939	163	492078	8.447	ng		99
51) 2,6-Dinitrotoluene	14.051	165	86447	7.729	ng		90
52) Acenaphthene	14.551	154	400160	8.321	ng		98
53) 3-Nitroaniline	14.374	138	88043	7.402	ng	#	93
54) 2,4-Dinitrophenol	14.580	184	28897	10.714	ng		99
55) Dibenzofuran	14.880	168	632701	8.539	ng		98
56) 4-Nitrophenol	14.680	139	68298	6.677	ng		99
57) 2,4-Dinitrotoluene	14.833	165	103329	8.545	ng		93
58) Fluorene	15.527	166	495688	8.122	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.104	232	120605	7.921	ng		97
60) Diethylphthalate	15.304	149	452264	8.128	ng		98
61) 4-Chlorophenyl-phenyle...	15.527	204	248279	7.780	ng		95
62) 4-Nitroaniline	15.533	138	82797	8.315	ng		88
63) Azobenzene	15.816	77	407574	7.977	ng		95
65) 4,6-Dinitro-2-methylph...	15.598	198	43196	10.683	ng		96
66) n-Nitrosodiphenylamine	15.733	169	411688	8.258	ng		97
67) 4-Bromophenyl-phenylether	16.415	248	140926	8.029	ng		94
68) Hexachlorobenzene	16.533	284	170741	8.236	ng		99
69) Atrazine	16.680	200	130740	7.987	ng		99
70) Pentachlorophenol	16.868	266	92235	7.147	ng		97
71) Phenanthrene	17.262	178	766575	8.503	ng		98
72) Anthracene	17.351	178	731960	8.157	ng		99
73) Carbazole	17.615	167	677442	8.343	ng		99
74) Di-n-butylphthalate	18.186	149	667205	7.508	ng		99
75) Fluoranthene	19.268	202	790554	8.067	ng		99
77) Benzidine	19.445	184	330177	7.563	ng		100
78) Pyrene	19.627	202	848091	7.737	ng		100
80) Butylbenzylphthalate	20.521	149	270978	7.497	ng		96
81) Benzo(a)anthracene	21.421	228	914779	8.203	ng		99
82) 3,3'-Dichlorobenzidine	21.345	252	286252	7.611	ng		98
83) Chrysene	21.486	228	873710	8.306	ng		99
84) Bis(2-ethylhexyl)phtha...	21.356	149	455709	7.942	ng		100
85) Di-n-octyl phthalate	22.503	149	681733	7.586	ng		98
87) Indeno(1,2,3-cd)pyrene	27.897	276	1071607	8.316	ng	#	93
88) Benzo(b)fluoranthene	23.515	252	866996	7.777	ng		99
89) Benzo(k)fluoranthene	23.574	252	893005	7.720	ng		99
90) Benzo(a)pyrene	24.327	252	799835	7.665	ng		99
91) Dibenzo(a,h)anthracene	27.956	278	883942	8.146	ng		99
92) Benzo(g,h,i)perylene	28.962	276	862329	8.408	ng		100

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

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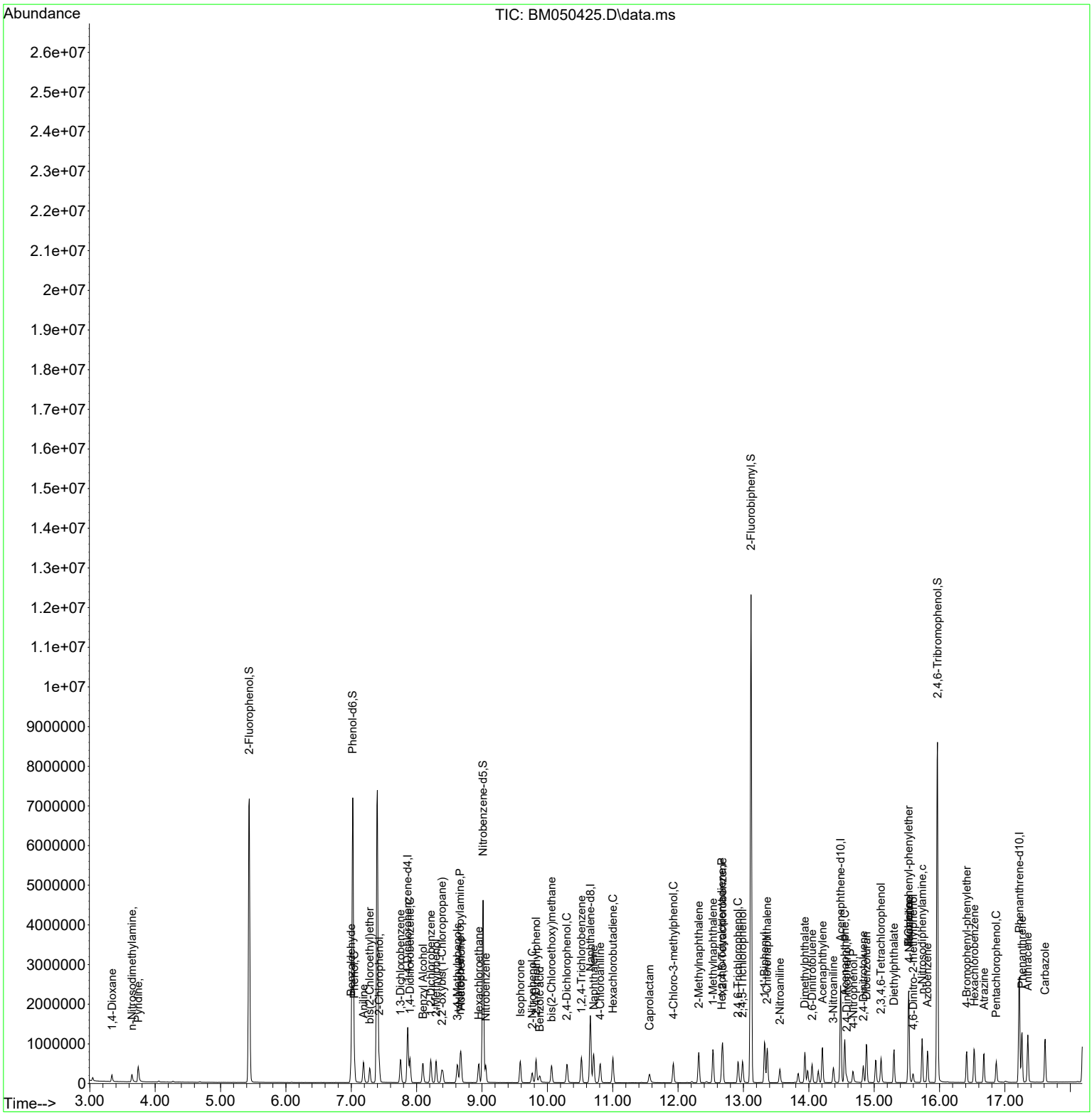

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