Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071125\
Data File : BM050414.D
Acq On : 11 Jul 2025 15:43
Operator : RC/JU
Sample : Q2126-07
Misc : LOD-MDL-WATER-8 PPM
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 18 01:34:09 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

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	415227	20.000	ng		0.01
21) Naphthalene-d8	10.657	136	1506001	20.000	ng		0.02
39) Acenaphthene-d10	14.492	164	946651	20.000	ng		0.02
64) Phenanthrene-d10	17.221	188	1783938	20.000	ng		0.01
76) Chrysene-d12	21.450	240	1760299	20.000	ng		0.02
86) Perylene-d12	24.486	264	1753906	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	2878825	119.341	ng		0.00
7) Phenol-d6	7.022	99	3661473	120.407	ng		0.01
23) Nitrobenzene-d5	9.016	82	2264029	76.697	ng		0.01
42) 2,4,6-Tribromophenol	15.968	330	1445252	125.653	ng		0.01
45) 2-Fluorobiphenyl	13.116	172	5843474	76.230	ng		0.01
79) Terphenyl-d14	19.839	244	9253520	92.491	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	71145	7.172	ng		97
3) Pyridine	3.740	79	175078	6.723	ng		96
4) n-Nitrosodimethylamine	3.640	42	85101	7.010	ng	#	91
6) Aniline	7.187	93	264334	6.773	ng		99
8) 2-Chlorophenol	7.428	128	189822	7.463	ng		99
9) Benzaldehyde	6.998	77	157274	8.694	ng		95
10) Phenol	7.046	94	223735	7.054	ng		94
11) bis(2-Chloroethyl)ether	7.281	93	174347	6.864	ng		99
12) 1,3-Dichlorobenzene	7.751	146	221861	7.173	ng		99
13) 1,4-Dichlorobenzene	7.898	146	224213	7.099	ng		99
14) 1,2-Dichlorobenzene	8.216	146	209875	6.941	ng		98
15) Benzyl Alcohol	8.098	79	139329	6.503	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.392	45	262660	7.020	ng		99
17) 2-Methylphenol	8.298	107	132273	6.430	ng		97
18) Hexachloroethane	8.951	117	76656	6.902	ng		98
19) n-Nitroso-di-n-propyla...	8.669	70	120589	6.546	ng		98
20) 3+4-Methylphenols	8.622	107	171999	6.228	ng		96
22) Acetophenone	8.681	105	265712	7.057	ng	#	97
24) Nitrobenzene	9.057	77	202992	7.706	ng		99
25) Isophorone	9.587	82	309008	6.451	ng		99
26) 2-Nitrophenol	9.769	139	61378	5.717	ng		92
27) 2,4-Dimethylphenol	9.828	122	152121	6.659	ng		96
28) bis(2-Chloroethoxy)met...	10.063	93	215867	6.801	ng		99
29) 2,4-Dichlorophenol	10.304	162	154694	6.591	ng		98
30) 1,2,4-Trichlorobenzene	10.522	180	199202	7.095	ng		95
31) Naphthalene	10.710	128	538199	7.036	ng		98
32) Benzoic acid	9.881	122	55253	9.424	ng		97
33) 4-Chloroaniline	10.810	127	212366	6.567	ng		100
34) Hexachlorobutadiene	11.004	225	118945	6.941	ng		99
35) Caprolactam	11.563	113	32937	5.141	ng		96
36) 4-Chloro-3-methylphenol	11.928	107	137455	6.272	ng		98
37) 2-Methylnaphthalene	12.316	142	321740	6.661	ng		98
38) 1-Methylnaphthalene	12.539	142	339980	6.651	ng		97
40) 1,2,4,5-Tetrachloroben...	12.686	216	203940	6.774	ng		98
41) Hexachlorocyclopentadiene	12.675	237	103167	5.361	ng		99
43) 2,4,6-Trichlorophenol	12.922	196	113128	6.105	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.986	196	124567	6.155	ng		96
46) 1,1'-Biphenyl	13.327	154	501203	7.136	ng		100
47) 2-Chloronaphthalene	13.369	162	396568	7.082	ng		98
48) 2-Nitroaniline	13.557	65	71769	5.742	ng		92
49) Acenaphthylene	14.210	152	564502	6.670	ng		99
50) Dimethylphthalate	13.945	163	444959	6.827	ng		99
51) 2,6-Dinitrotoluene	14.051	165	77094	6.161	ng		91
52) Acenaphthene	14.557	154	363769	6.761	ng		98
53) 3-Nitroaniline	14.380	138	73695	5.538	ng	#	91
54) 2,4-Dinitrophenol	14.586	184	22186	9.363	ng		93
55) Dibenzofuran	14.886	168	580603	7.003	ng		99
56) 4-Nitrophenol	14.680	139	57995	5.067	ng		97
57) 2,4-Dinitrotoluene	14.839	165	92402	7.377	ng		95
58) Fluorene	15.533	166	458535	6.715	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.110	232	103881	6.098	ng		95
60) Diethylphthalate	15.304	149	412409	6.624	ng		98
61) 4-Chlorophenyl-phenyle...	15.527	204	231625	6.487	ng		95
62) 4-Nitroaniline	15.533	138	71781	7.026	ng		88
63) Azobenzene	15.821	77	369681	6.467	ng		94
65) 4,6-Dinitro-2-methylph...	15.598	198	35353	9.504	ng		91
66) n-Nitrosodiphenylamine	15.739	169	371655	6.658	ng		99
67) 4-Bromophenyl-phenylether	16.421	248	126884	6.456	ng		95
68) Hexachlorobenzene	16.533	284	155222	6.687	ng		98
69) Atrazine	16.680	200	113162	6.174	ng		97
70) Pentachlorophenol	16.874	266	75251	5.207	ng		95
71) Phenanthrene	17.262	178	694589	6.881	ng		99
72) Anthracene	17.357	178	659815	6.567	ng		100
73) Carbazole	17.615	167	597501	6.572	ng		98
74) Di-n-butylphthalate	18.192	149	582920	5.858	ng		99
75) Fluoranthene	19.274	202	683902	6.232	ng		99
77) Benzidine	19.451	184	254657	5.672	ng		99
78) Pyrene	19.633	202	735495	6.524	ng		99
80) Butylbenzylphthalate	20.533	149	210700	5.668	ng		99
81) Benzo(a)anthracene	21.433	228	771937	6.730	ng		99
82) 3,3'-Dichlorobenzidine	21.350	252	210505	5.442	ng		98
83) Chrysene	21.492	228	741106	6.850	ng		99
84) Bis(2-ethylhexyl)phtha...	21.362	149	338604	5.738	ng		99
85) Di-n-octyl phthalate	22.515	149	449908	4.868	ng		98
87) Indeno(1,2,3-cd)pyrene	27.909	276	787479	6.315	ng		99
88) Benzo(b)fluoranthene	23.527	252	683871	6.339	ng		99
89) Benzo(k)fluoranthene	23.586	252	701284	6.265	ng		99
90) Benzo(a)pyrene	24.339	252	613900	6.079	ng		98
91) Dibenzo(a,h)anthracene	27.979	278	664669	6.329	ng		98
92) Benzo(g,h,i)perylene	28.979	276	638246	6.430	ng		97

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

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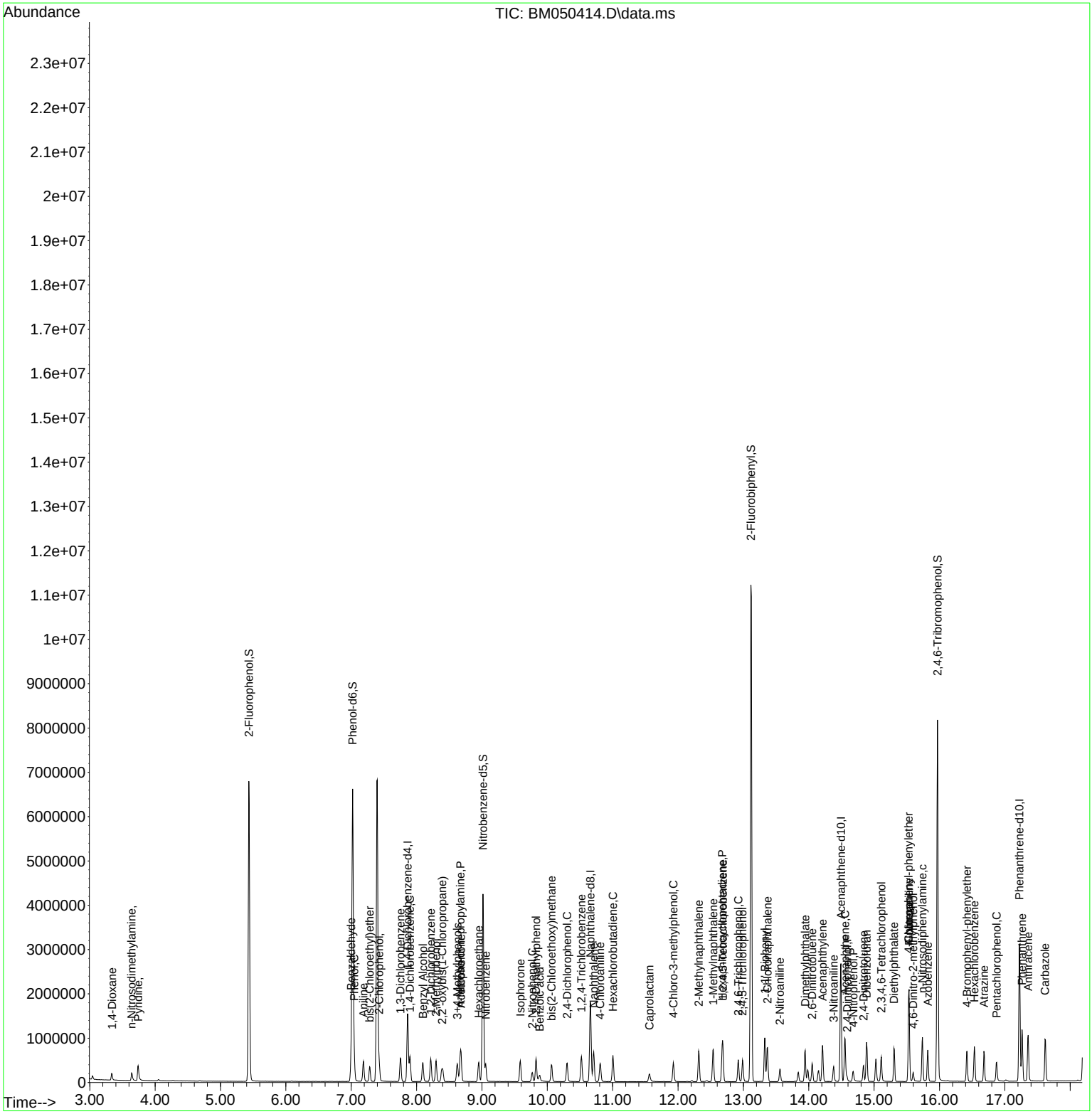

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