Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071125\
Data File : BM050413.D
Acq On : 11 Jul 2025 15:03
Operator : RC/JU
Sample : Q2126-07
Misc : LOD-MDL-WATER-4 PPM
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 18 01:32:50 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	7.863	152	408506	20.000	ng		0.01
21) Naphthalene-d8	10.657	136	1455661	20.000	ng		0.02
39) Acenaphthene-d10	14.492	164	894205	20.000	ng		0.02
64) Phenanthrene-d10	17.221	188	1682048	20.000	ng		0.01
76) Chrysene-d12	21.450	240	1647315	20.000	ng		0.02
86) Perylene-d12	24.486	264	1640756	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	2944135	124.057	ng		0.00
7) Phenol-d6	7.022	99	3702789	123.769	ng		0.01
23) Nitrobenzene-d5	9.016	82	2350757	82.389	ng		0.01
42) 2,4,6-Tribromophenol	15.969	330	1421175	130.807	ng		0.01
45) 2-Fluorobiphenyl	13.116	172	5961000	82.324	ng		0.01
79) Terphenyl-d14	19.839	244	9410930	100.516	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	38906	3.987	ng		97
3) Pyridine	3.740	79	94396	3.684	ng		98
4) n-Nitrosodimethylamine	3.646	42	43355	3.630	ng	#	87
6) Aniline	7.187	93	135925	3.540	ng		99
8) 2-Chlorophenol	7.428	128	97474	3.895	ng		98
9) Benzaldehyde	6.998	77	85662	4.813	ng		97
10) Phenol	7.046	94	119088	3.816	ng		93
11) bis(2-Chloroethyl)ether	7.281	93	93087	3.725	ng		99
12) 1,3-Dichlorobenzene	7.751	146	115219	3.787	ng		95
13) 1,4-Dichlorobenzene	7.898	146	116401	3.746	ng		98
14) 1,2-Dichlorobenzene	8.216	146	109137	3.669	ng		99
15) Benzyl Alcohol	8.093	79	70719	3.355	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.393	45	137645	3.739	ng		99
17) 2-Methylphenol	8.298	107	67287	3.325	ng		98
18) Hexachloroethane	8.945	117	38401	3.514	ng		96
19) n-Nitroso-di-n-propyla...	8.663	70	58463	3.226	ng		94
20) 3+4-Methylphenols	8.622	107	85990	3.165	ng		96
22) Acetophenone	8.681	105	131997	3.627	ng	#	98
24) Nitrobenzene	9.057	77	106633	4.188	ng		99
25) Isophorone	9.587	82	151749	3.278	ng		97
26) 2-Nitrophenol	9.769	139	28570	2.753	ng		89
27) 2,4-Dimethylphenol	9.828	122	75529	3.421	ng		98
28) bis(2-Chloroethoxy)met...	10.063	93	109012	3.553	ng		97
29) 2,4-Dichlorophenol	10.304	162	71838	3.167	ng		98
30) 1,2,4-Trichlorobenzene	10.522	180	100271	3.695	ng		98
31) Naphthalene	10.710	128	279396	3.779	ng		99
32) Benzoic acid	9.869	122	17703	7.118	ng		94
33) 4-Chloroaniline	10.810	127	103494	3.311	ng		98
34) Hexachlorobutadiene	11.004	225	60748	3.668	ng		99
35) Caprolactam	11.557	113	15264	2.465	ng	#	90
36) 4-Chloro-3-methylphenol	11.928	107	63815	3.012	ng		98
37) 2-Methylnaphthalene	12.316	142	159738	3.422	ng		97
38) 1-Methylnaphthalene	12.533	142	170741	3.456	ng		98
40) 1,2,4,5-Tetrachloroben...	12.686	216	101647	3.575	ng		99
41) Hexachlorocyclopentadiene	12.675	237	49166	2.705	ng		97
43) 2,4,6-Trichlorophenol	12.922	196	51860	2.963	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	58313	3.050	ng		97
46) 1,1'-Biphenyl	13.327	154	252551	3.807	ng		99
47) 2-Chloronaphthalene	13.363	162	200667	3.794	ng		96
48) 2-Nitroaniline	13.557	65	32077	2.717	ng		91
49) Acenaphthylene	14.210	152	273727	3.424	ng		98
50) Dimethylphthalate	13.945	163	222121	3.608	ng		99
51) 2,6-Dinitrotoluene	14.051	165	31336	2.651	ng	#	78
52) Acenaphthene	14.551	154	181719	3.575	ng		98
53) 3-Nitroaniline	14.380	138	31868	2.535	ng	#	85
54) 2,4-Dinitrophenol	14.586	184	8696	7.633	ng	#	88
55) Dibenzofuran	14.886	168	290166	3.705	ng		99
56) 4-Nitrophenol	14.680	139	20710	1.916	ng		95
57) 2,4-Dinitrotoluene	14.839	165	36672	4.679	ng	#	89
58) Fluorene	15.533	166	221809	3.439	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.110	232	49909	3.101	ng		98
60) Diethylphthalate	15.304	149	198961	3.383	ng		98
61) 4-Chlorophenyl-phenyle...	15.527	204	112641	3.340	ng		95
62) 4-Nitroaniline	15.533	138	28061	4.424	ng		80
63) Azobenzene	15.821	77	171838	3.182	ng		95
65) 4,6-Dinitro-2-methylph...	15.598	198	14335	7.680	ng		90
66) n-Nitrosodiphenylamine	15.739	169	176219	3.348	ng		96
67) 4-Bromophenyl-phenylether	16.421	248	64633	3.488	ng		97
68) Hexachlorobenzene	16.533	284	79210	3.619	ng		96
69) Atrazine	16.686	200	52406	3.032	ng		94
70) Pentachlorophenol	16.874	266	34507	2.533	ng		99
71) Phenanthrene	17.263	178	351507	3.693	ng		99
72) Anthracene	17.357	178	311840	3.291	ng		99
73) Carbazole	17.615	167	279604	3.262	ng		100
74) Di-n-butylphthalate	18.192	149	267950	2.856	ng		99
75) Fluoranthene	19.274	202	326361	3.154	ng		99
77) Benzidine	19.451	184	93637	2.229	ng		97
78) Pyrene	19.633	202	351640	3.333	ng		97
80) Butylbenzylphthalate	20.533	149	90513	2.602	ng		97
81) Benzo(a)anthracene	21.433	228	370876	3.455	ng		99
82) 3,3'-Dichlorobenzidine	21.351	252	91572	2.530	ng		97
83) Chrysene	21.492	228	365061	3.606	ng		98
84) Bis(2-ethylhexyl)phtha...	21.362	149	143552	2.599	ng		99
85) Di-n-octyl phthalate	22.515	149	175482	2.029	ng	#	95
87) Indeno(1,2,3-cd)pyrene	27.921	276	370631	3.177	ng	#	93
88) Benzo(b)fluoranthene	23.521	252	329855m	3.268	ng		
89) Benzo(k)fluoranthene	23.586	252	329080	3.142	ng		98
90) Benzo(a)pyrene	24.339	252	281318	2.978	ng		99
91) Dibenzo(a,h)anthracene	27.979	278	314063	3.197	ng		97
92) Benzo(g,h,i)perylene	28.974	276	303580	3.269	ng		98

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

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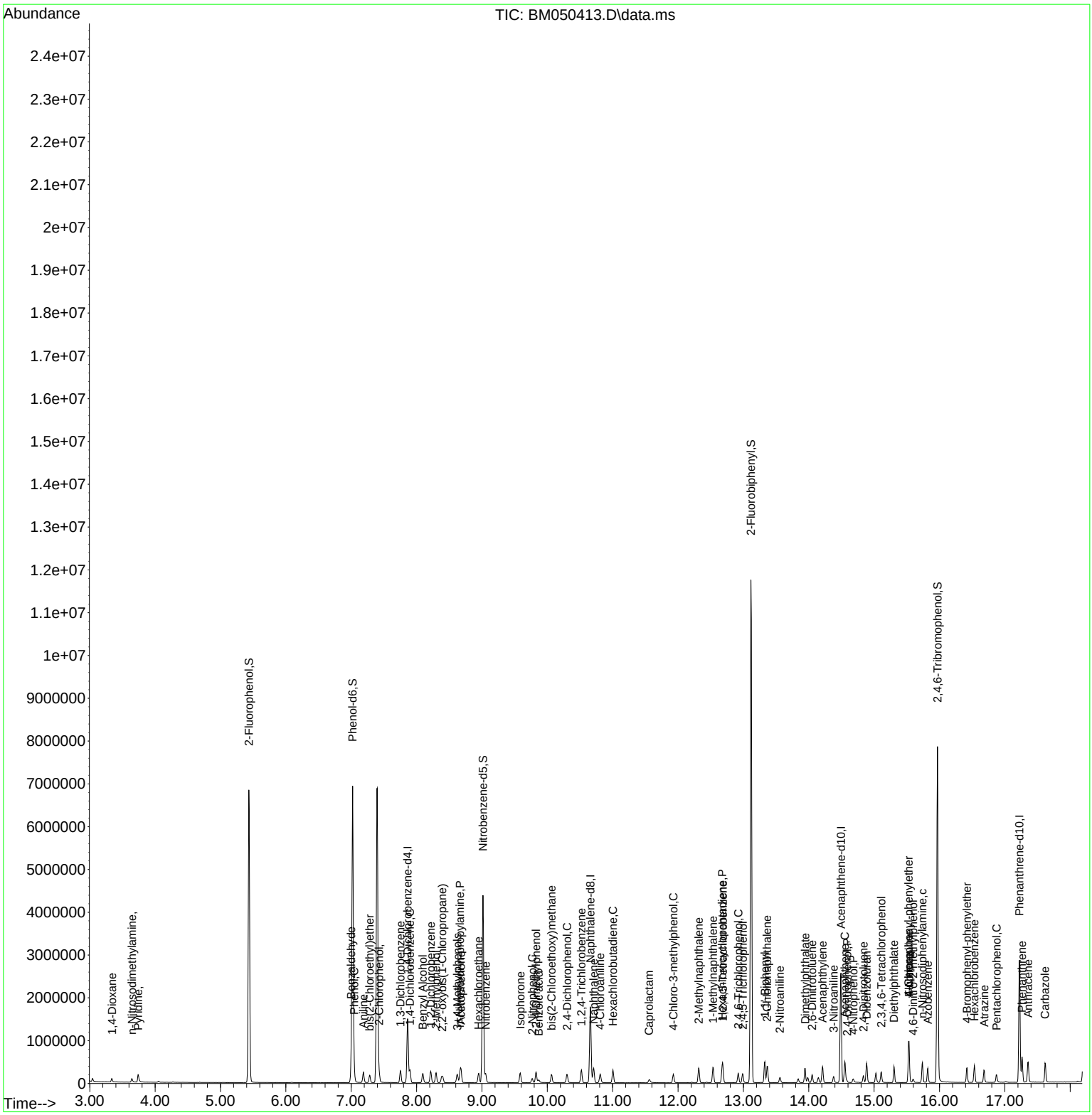

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