Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020725\
Data File : BM049600.D
Acq On : 07 Feb 2025 13:34
Operator : RC/JU
Sample : Q1168-09
Misc : MDL-MDL-WATER 4PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

Quant Time: Feb 07 14:10:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.822	152	143743	20.000	ng		0.00
21) Naphthalene-d8	10.622	136	535028	20.000	ng		0.00
39) Acenaphthene-d10	14.457	164	321530	20.000	ng		-0.01
64) Phenanthrene-d10	17.198	188	595293	20.000	ng		0.00
76) Chrysene-d12	21.439	240	474216	20.000	ng		0.00
86) Perylene-d12	24.462	264	386991	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	985123	110.208	ng		0.00
7) Phenol-d6	6.975	99	1300794	111.076	ng		0.00
23) Nitrobenzene-d5	8.975	82	1051422	101.083	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	342823	89.983	ng		0.00
45) 2-Fluorobiphenyl	13.086	172	2495166	100.531	ng		0.00
79) Terphenyl-d14	19.827	244	3784585	121.869	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	16559	4.406	ng		92
3) Pyridine	3.704	79	41252	3.950	ng	#	87
4) n-Nitrosodimethylamine	3.604	42	20653	4.227	ng	#	89
6) Aniline	7.145	93	51897	4.676	ng		98
8) 2-Chlorophenol	7.387	128	36729	4.115	ng		94
9) Benzaldehyde	6.957	77	44658	7.202	ng		97
10) Phenol	7.004	94	48728	4.224	ng		88
11) bis(2-Chloroethyl)ether	7.245	93	40783	4.370	ng		97
12) 1,3-Dichlorobenzene	7.710	146	45431	4.385	ng		99
13) 1,4-Dichlorobenzene	7.857	146	47156	4.500	ng		98
14) 1,2-Dichlorobenzene	8.175	146	45423	4.489	ng		99
15) Benzyl Alcohol	8.057	79	27130	3.330	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.345	45	59921	4.770	ng		97
17) 2-Methylphenol	8.257	107	26363	3.738	ng		97
18) Hexachloroethane	8.910	117	16720	4.368	ng		89
19) n-Nitroso-di-n-propyla...	8.628	70	28605	3.730	ng		99
20) 3+4-Methylphenols	8.586	107	33397	3.587	ng		93
22) Acetophenone	8.639	105	61455	4.265	ng	#	95
24) Nitrobenzene	9.016	77	51014	5.048	ng		95
25) Isophorone	9.545	82	71980	3.837	ng		99
26) 2-Nitrophenol	9.733	139	6369	4.161	ng		95
27) 2,4-Dimethylphenol	9.792	122	23218m	3.914	ng		
28) bis(2-Chloroethoxy)met...	10.028	93	48325	4.000	ng	#	90
29) 2,4-Dichlorophenol	10.263	162	22390	2.741	ng		93
30) 1,2,4-Trichlorobenzene	10.480	180	39743	3.971	ng		97
31) Naphthalene	10.669	128	114312	4.051	ng		99
32) Benzoic acid	9.828	122	3783m	6.236	ng		
33) 4-Chloroaniline	10.769	127	40092	3.796	ng		98
34) Hexachlorobutadiene	10.969	225	25604	4.272	ng		96
35) Caprolactam	11.504	113	5607	2.250	ng	#	83
36) 4-Chloro-3-methylphenol	11.892	107	20637	2.533	ng		95
37) 2-Methylnaphthalene	12.280	142	74331	3.741	ng		98
38) 1-Methylnaphthalene	12.498	142	69702	3.606	ng		99
40) 1,2,4,5-Tetrachloroben...	12.651	216	43510	4.116	ng		98
41) Hexachlorocyclopentadiene	12.639	237	9804	3.633	ng		90
43) 2,4,6-Trichlorophenol	12.886	196	12536	2.173	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	14852m	2.343	ng		
46) 1,1'-Biphenyl	13.298	154	105751	4.311	ng		99
47) 2-Chloronaphthalene	13.333	162	79114	4.169	ng		98
48) 2-Nitroaniline	13.527	65	11848	6.291	ng		90
49) Acenaphthylene	14.180	152	110740	3.957	ng		98
50) Dimethylphthalate	13.916	163	84158	3.645	ng		98
51) 2,6-Dinitrotoluene	14.021	165	12008	3.005	ng	#	87
52) Acenaphthene	14.521	154	70248	3.782	ng		97
53) 3-Nitroaniline	14.351	138	11417	2.807	ng	#	89
54) 2,4-Dinitrophenol	14.551	184	1383	4.287	ng	#	46
55) Dibenzofuran	14.857	168	115213	3.896	ng		98
56) 4-Nitrophenol	14.645	139	4835m	1.410	ng		
57) 2,4-Dinitrotoluene	14.810	165	12390	5.114	ng	#	97
58) Fluorene	15.504	166	85779	3.390	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.080	232	12646	2.361	ng	#	97
60) Diethylphthalate	15.286	149	75077	3.235	ng		99
61) 4-Chlorophenyl-phenyle...	15.504	204	45898	3.408	ng		98
62) 4-Nitroaniline	15.504	138	10563	6.041	ng		90
63) Azobenzene	15.798	77	92904	3.836	ng		97
65) 4,6-Dinitro-2-methylph...	15.568	198	2401	5.895	ng		81
66) n-Nitrosodiphenylamine	15.715	169	66235	3.528	ng		97
67) 4-Bromophenyl-phenylether	16.398	248	25277	3.655	ng		96
68) Hexachlorobenzene	16.509	284	30275	3.814	ng		91
69) Atrazine	16.662	200	16978	3.042	ng		99
70) Pentachlorophenol	16.845	266	6730	8.848	ng		98
71) Phenanthrene	17.239	178	132182	3.898	ng		99
72) Anthracene	17.333	178	124084	3.695	ng		99
73) Carbazole	17.598	167	104073	3.531	ng		99
74) Di-n-butylphthalate	18.180	149	88199	2.358	ng	#	97
75) Fluoranthene	19.256	202	127325	3.207	ng		98
77) Benzidine	19.433	184	12886	3.068	ng		96
78) Pyrene	19.615	202	134977	3.801	ng		98
80) Butylbenzylphthalate	20.527	149	14588	1.320	ng		89
81) Benzo(a)anthracene	21.421	228	119904	3.731	ng		99
82) 3,3'-Dichlorobenzidine	21.339	252	16702	1.931	ng		98
83) Chrysene	21.480	228	114527	3.804	ng		98
84) Bis(2-ethylhexyl)phtha...	21.368	149	26563	1.402	ng	#	95
85) Di-n-octyl phthalate	22.521	149	31963	1.070	ng	#	85
87) Indeno(1,2,3-cd)pyrene	27.891	276	76615m	3.625	ng		
88) Benzo(b)fluoranthene	23.509	252	89462m	3.360	ng		
89) Benzo(k)fluoranthene	23.574	252	91346	3.533	ng		96
90) Benzo(a)pyrene	24.321	252	68987	3.270	ng		98
91) Dibenzo(a,h)anthracene	27.956	278	56215m	3.365	ng		
92) Benzo(g,h,i)perylene	28.938	276	63377m	3.397	ng		

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

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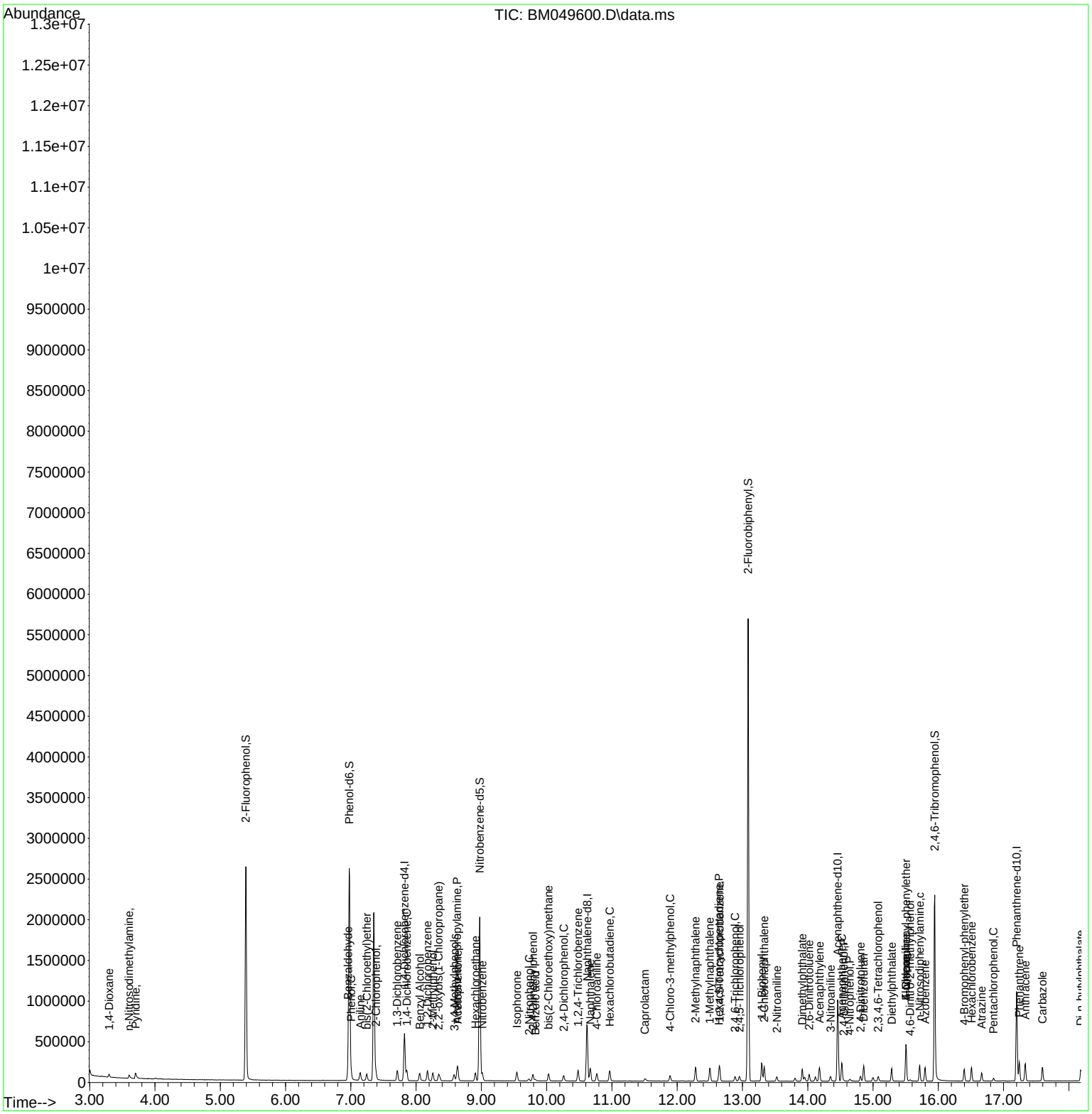

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