Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020625\
Data File : BM049578.D
Acq On : 06 Feb 2025 12:01
Operator : RC/JU
Sample : Q1168-08
Misc : LOQ-WATER 5PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

Quant Time: Feb 06 12:44:37 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 11:55:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	182917	20.000	ng		0.00
21) Naphthalene-d8	10.622	136	681074	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	418661	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	806030	20.000	ng		0.00
76) Chrysene-d12	21.445	240	654337	20.000	ng		0.00
86) Perylene-d12	24.480	264	547728	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1680163	147.709	ng		0.00
7) Phenol-d6	6.981	99	2180417	146.313	ng		0.00
23) Nitrobenzene-d5	8.981	82	1458891	110.181	ng		0.00
42) 2,4,6-Tribromophenol	15.951	330	733950	147.950	ng		0.00
45) 2-Fluorobiphenyl	13.092	172	3623418	112.118	ng		0.00
79) Terphenyl-d14	19.833	244	5992420	139.846	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	29268	6.120	ng		94
3) Pyridine	3.699	79	67713	5.095	ng	#	93
6) Aniline	7.146	93	84816	6.005	ng		98
8) 2-Chlorophenol	7.387	128	61798	5.441	ng		94
10) Phenol	7.004	94	84013	5.724	ng		89
11) bis(2-Chloroethyl)ether	7.246	93	68662	5.782	ng		95
12) 1,3-Dichlorobenzene	7.716	146	77501	5.879	ng		96
13) 1,4-Dichlorobenzene	7.863	146	78093	5.856	ng		100
14) 1,2-Dichlorobenzene	8.181	146	75486	5.863	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.351	45	102282	6.398	ng		99
17) 2-Methylphenol	8.263	107	45076	5.022	ng		98
18) Hexachloroethane	8.916	117	26945	5.532	ng		97
19) n-Nitroso-di-n-propyla...	8.628	70	52092	5.338	ng		95
22) Acetophenone	8.645	105	102903	5.610	ng	#	94
24) Nitrobenzene	9.022	77	82773	6.434	ng		96
25) Isophorone	9.545	82	134709	5.641	ng		99
26) 2-Nitrophenol	9.734	139	12415	5.300	ng		91
27) 2,4-Dimethylphenol	9.792	122	36475m	4.831	ng		
28) bis(2-Chloroethoxy)met...	10.034	93	84626	5.502	ng		99
29) 2,4-Dichlorophenol	10.263	162	43022	4.137	ng		99
30) 1,2,4-Trichlorobenzene	10.486	180	70090	5.502	ng		96
31) Naphthalene	10.675	128	192455	5.358	ng		98
33) 4-Chloroaniline	10.775	127	72797	5.414	ng		98
34) Hexachlorobutadiene	10.975	225	41079	5.385	ng		94
36) 4-Chloro-3-methylphenol	11.892	107	42513	4.100	ng		100
37) 2-Methylnaphthalene	12.286	142	128669	5.088	ng		95
38) 1-Methylnaphthalene	12.510	142	121390	4.933	ng		99
40) 1,2,4,5-Tetrachloroben...	12.657	216	74310	5.398	ng		98
43) 2,4,6-Trichlorophenol	12.892	196	26556	3.535	ng		90
44) 2,4,5-Trichlorophenol	12.957	196	33687	4.081	ng	#	92
46) 1,1'-Biphenyl	13.304	154	179957	5.635	ng		98
47) 2-Chloronaphthalene	13.339	162	136131	5.509	ng		99
48) 2-Nitroaniline	13.527	65	23957	4.225	ng		90
49) Acenaphthylene	14.186	152	206393	5.664	ng		99
50) Dimethylphthalate	13.922	163	149608	4.976	ng		99
51) 2,6-Dinitrotoluene	14.027	165	22878	4.397	ng	#	84

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52) Acenaphthene	14.527	154	120546	4.984	ng		96
53) 3-Nitroaniline	14.351	138	23077	4.357	ng	#	89
55) Dibenzofuran	14.863	168	201562	5.234	ng		99
57) 2,4-Dinitrotoluene	14.816	165	23764	6.299	ng	#	93
58) Fluorene	15.510	166	158899	4.823	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.086	232	26194m	3.756	ng		
60) Diethylphthalate	15.292	149	142476	4.715	ng		99
61) 4-Chlorophenyl-phenyle...	15.510	204	82339	4.696	ng		93
62) 4-Nitroaniline	15.510	138	22321	3.763	ng		88
63) Azobenzene	15.804	77	175284	5.558	ng		97
66) n-Nitrosodiphenylamine	15.721	169	125147	4.923	ng		99
67) 4-Bromophenyl-phenylether	16.404	248	45477	4.857	ng		97
68) Hexachlorobenzene	16.516	284	54229	5.046	ng		96
69) Atrazine	16.674	200	34358	4.547	ng		98
71) Phenanthrene	17.245	178	239303	5.211	ng		99
72) Anthracene	17.339	178	228925	5.035	ng		100
73) Carbazole	17.598	167	201364	5.046	ng		100
74) Di-n-butylphthalate	18.192	149	191961	3.791	ng		99
75) Fluoranthene	19.262	202	243190	4.524	ng		98
78) Pyrene	19.621	202	250663	5.116	ng		99
80) Butylbenzylphthalate	20.539	149	35062	2.300	ng		97
81) Benzo(a)anthracene	21.427	228	227936	5.140	ng		99
82) 3,3'-Dichlorobenzidine	21.351	252	40640	3.406	ng		99
83) Chrysene	21.492	228	213233	5.132	ng		100
84) Bis(2-ethylhexyl)phtha...	21.386	149	73039	2.795	ng		98
87) Indeno(1,2,3-cd)pyrene	27.897	276	151905	5.078	ng		98
88) Benzo(b)fluoranthene	23.521	252	176236	4.677	ng		99
89) Benzo(k)fluoranthene	23.586	252	179980	4.918	ng		98
90) Benzo(a)pyrene	24.333	252	144710	4.846	ng		99
91) Dibenzo(a,h)anthracene	27.974	278	109769	4.643	ng		94
92) Benzo(g,h,i)perylene	28.956	276	125260	4.743	ng		99

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

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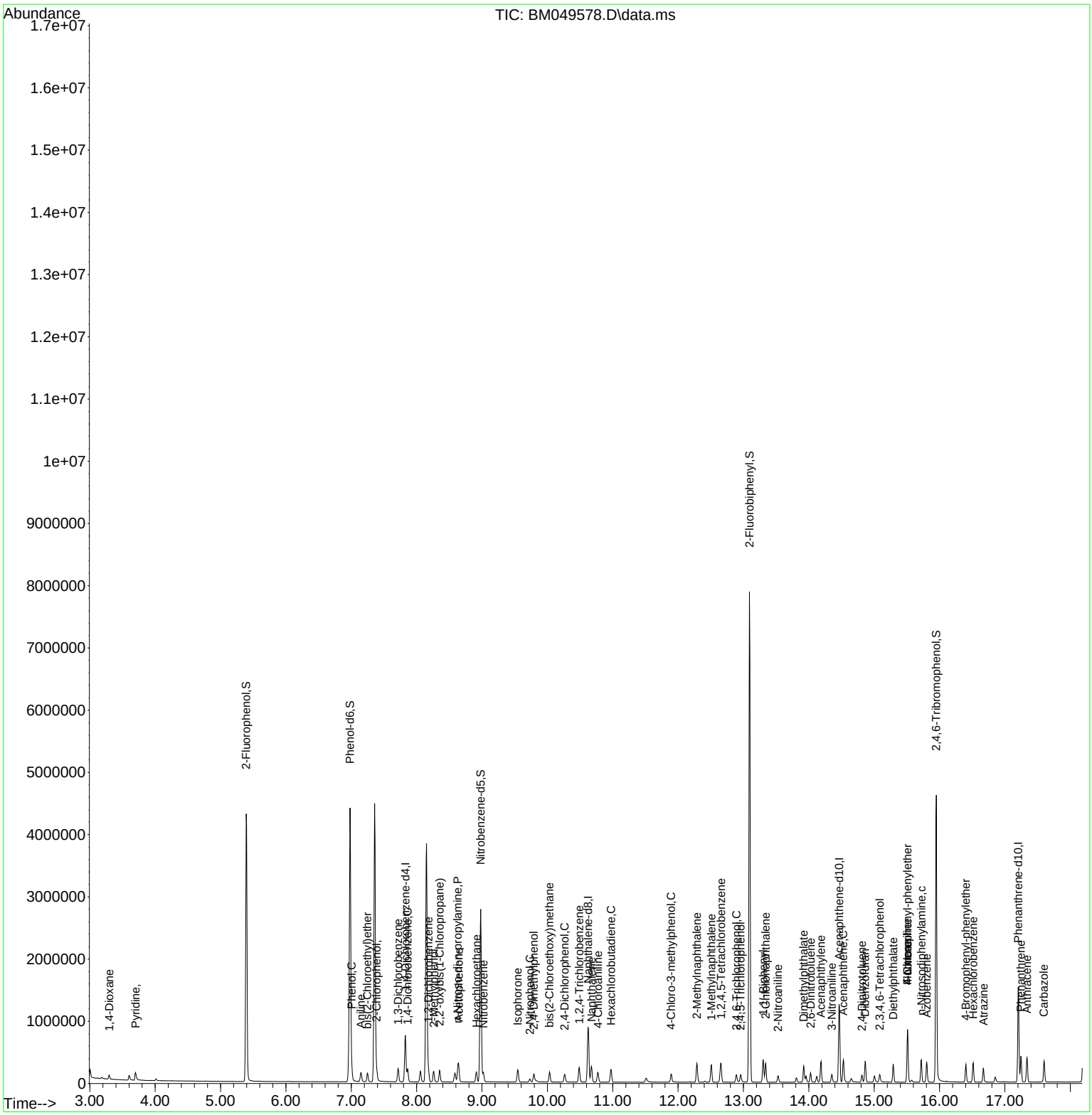

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