Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020625\
Data File : BM049593.D
Acq On : 07 Feb 2025 00:13
Operator : RC/JU
Sample : Q1168-07
Misc : LOD-MDL-SOIL 8PPM
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 07 01:34:08 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

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.822	152	210715	20.000	ng		0.00
21) Naphthalene-d8	10.622	136	764656	20.000	ng		0.00
39) Acenaphthene-d10	14.462	164	467233	20.000	ng		0.00
64) Phenanthrene-d10	17.203	188	875328	20.000	ng		0.00
76) Chrysene-d12	21.439	240	750846	20.000	ng		0.00
86) Perylene-d12	24.468	264	643482	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.392	112	1794880	136.978	ng		0.00
7) Phenol-d6	6.981	99	2506476	146.004	ng		0.00
23) Nitrobenzene-d5	8.975	82	1638242	110.202	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	889113	160.596	ng		0.00
45) 2-Fluorobiphenyl	13.092	172	4091147	113.431	ng		0.00
79) Terphenyl-d14	19.833	244	7100921	144.416	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	50957	9.249	ng		99
3) Pyridine	3.698	79	125746	8.213	ng		91
4) n-Nitrosodimethylamine	3.604	42	65174	9.099	ng	#	96
6) Aniline	7.145	93	159564	9.807	ng		99
8) 2-Chlorophenol	7.386	128	114092	8.720	ng		97
9) Benzaldehyde	6.957	77	123275	13.562	ng		98
10) Phenol	7.004	94	156479	9.254	ng		91
11) bis(2-Chloroethyl)ether	7.245	93	126908	9.277	ng		94
12) 1,3-Dichlorobenzene	7.716	146	136434	8.983	ng		99
13) 1,4-Dichlorobenzene	7.857	146	139955	9.111	ng		97
14) 1,2-Dichlorobenzene	8.175	146	135681	9.147	ng		98
15) Benzyl Alcohol	8.057	79	97872	8.195	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.351	45	186486	10.127	ng		98
17) 2-Methylphenol	8.257	107	90277	8.732	ng		97
18) Hexachloroethane	8.910	117	48585	8.659	ng		95
19) n-Nitroso-di-n-propyla...	8.628	70	100197	8.913	ng		97
20) 3+4-Methylphenols	8.586	107	116810	8.559	ng		98
22) Acetophenone	8.639	105	197938	9.611	ng		97
24) Nitrobenzene	9.016	77	149327	10.339	ng		97
25) Isophorone	9.545	82	258707	9.650	ng		98
26) 2-Nitrophenol	9.733	139	25947	8.068	ng		98
27) 2,4-Dimethylphenol	9.792	122	58899	6.948	ng		99
28) bis(2-Chloroethoxy)met...	10.033	93	160776	9.311	ng		98
29) 2,4-Dichlorophenol	10.263	162	91429	7.832	ng		99
30) 1,2,4-Trichlorobenzene	10.486	180	129498	9.054	ng		98
31) Naphthalene	10.669	128	363904	9.024	ng		99
32) Benzoic acid	9.845	122	21869m	10.062	ng		
33) 4-Chloroaniline	10.769	127	137371	9.100	ng		97
34) Hexachlorobutadiene	10.969	225	76833	8.970	ng		96
35) Caprolactam	11.516	113	23164m	6.504	ng		
36) 4-Chloro-3-methylphenol	11.892	107	88184	7.574	ng		98
37) 2-Methylnaphthalene	12.286	142	243560	8.578	ng		98
38) 1-Methylnaphthalene	12.504	142	226536	8.200	ng		98
40) 1,2,4,5-Tetrachloroben...	12.651	216	138377	9.008	ng		98
41) Hexachlorocyclopentadiene	12.645	237	24201	6.171	ng		98
43) 2,4,6-Trichlorophenol	12.892	196	59585	7.108	ng		98

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44) 2,4,5-Trichlorophenol	12.957	196	70154	7.615	ng		98
46) 1,1'-Biphenyl	13.298	154	332121	9.318	ng		98
47) 2-Chloronaphthalene	13.333	162	257028	9.320	ng		98
48) 2-Nitroaniline	13.527	65	49406	10.338	ng		93
49) Acenaphthylene	14.180	152	384642	9.459	ng		100
50) Dimethylphthalate	13.915	163	283509	8.449	ng		99
51) 2,6-Dinitrotoluene	14.027	165	47728	8.220	ng		92
52) Acenaphthene	14.521	154	229605	8.507	ng		95
53) 3-Nitroaniline	14.351	138	49052	8.298	ng		96
54) 2,4-Dinitrophenol	14.551	184	6521	9.433	ng	#	80
55) Dibenzofuran	14.857	168	376295	8.755	ng		100
56) 4-Nitrophenol	14.651	139	28659	5.751	ng		97
57) 2,4-Dinitrotoluene	14.810	165	55666	10.253	ng		97
58) Fluorene	15.509	166	299180	8.137	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.080	232	53523	6.877	ng		99
60) Diethylphthalate	15.286	149	274231	8.132	ng		99
61) 4-Chlorophenyl-phenyle...	15.509	204	157858	8.067	ng		97
62) 4-Nitroaniline	15.509	138	50434	10.225	ng		97
63) Azobenzene	15.798	77	314111	8.924	ng		95
65) 4,6-Dinitro-2-methylph...	15.574	198	9971	9.328	ng		84
66) n-Nitrosodiphenylamine	15.715	169	235502	8.531	ng		99
67) 4-Bromophenyl-phenylether	16.398	248	85043	8.363	ng		98
68) Hexachlorobenzene	16.509	284	102971	8.822	ng		95
69) Atrazine	16.668	200	67959	8.282	ng		97
70) Pentachlorophenol	16.851	266	31909	11.373	ng		98
71) Phenanthrene	17.245	178	436419	8.752	ng		99
72) Anthracene	17.333	178	415009	8.405	ng		99
73) Carbazole	17.598	167	378078	8.724	ng		99
74) Di-n-butylphthalate	18.186	149	390108	7.094	ng		99
75) Fluoranthene	19.256	202	454918	7.792	ng		99
77) Benzidine	19.439	184	48076	7.230	ng		99
78) Pyrene	19.615	202	477413	8.492	ng		100
80) Butylbenzylphthalate	20.533	149	79952	4.570	ng		98
81) Benzo(a)anthracene	21.421	228	448252	8.809	ng		99
82) 3,3'-Dichlorobenzidine	21.344	252	92882	6.783	ng		96
83) Chrysene	21.486	228	416947	8.746	ng		98
84) Bis(2-ethylhexyl)phtha...	21.374	149	167289	5.578	ng		97
85) Di-n-octyl phthalate	22.533	149	208529	4.407	ng	#	92
87) Indeno(1,2,3-cd)pyrene	27.885	276	314792m	8.958	ng		
88) Benzo(b)fluoranthene	23.515	252	352551m	7.964	ng		
89) Benzo(k)fluoranthene	23.580	252	357781	8.321	ng		98
90) Benzo(a)pyrene	24.327	252	293227	8.359	ng		98
91) Dibenzo(a,h)anthracene	27.956	278	236975	8.532	ng		98
92) Benzo(g,h,i)perylene	28.944	276	259883	8.376	ng		99

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

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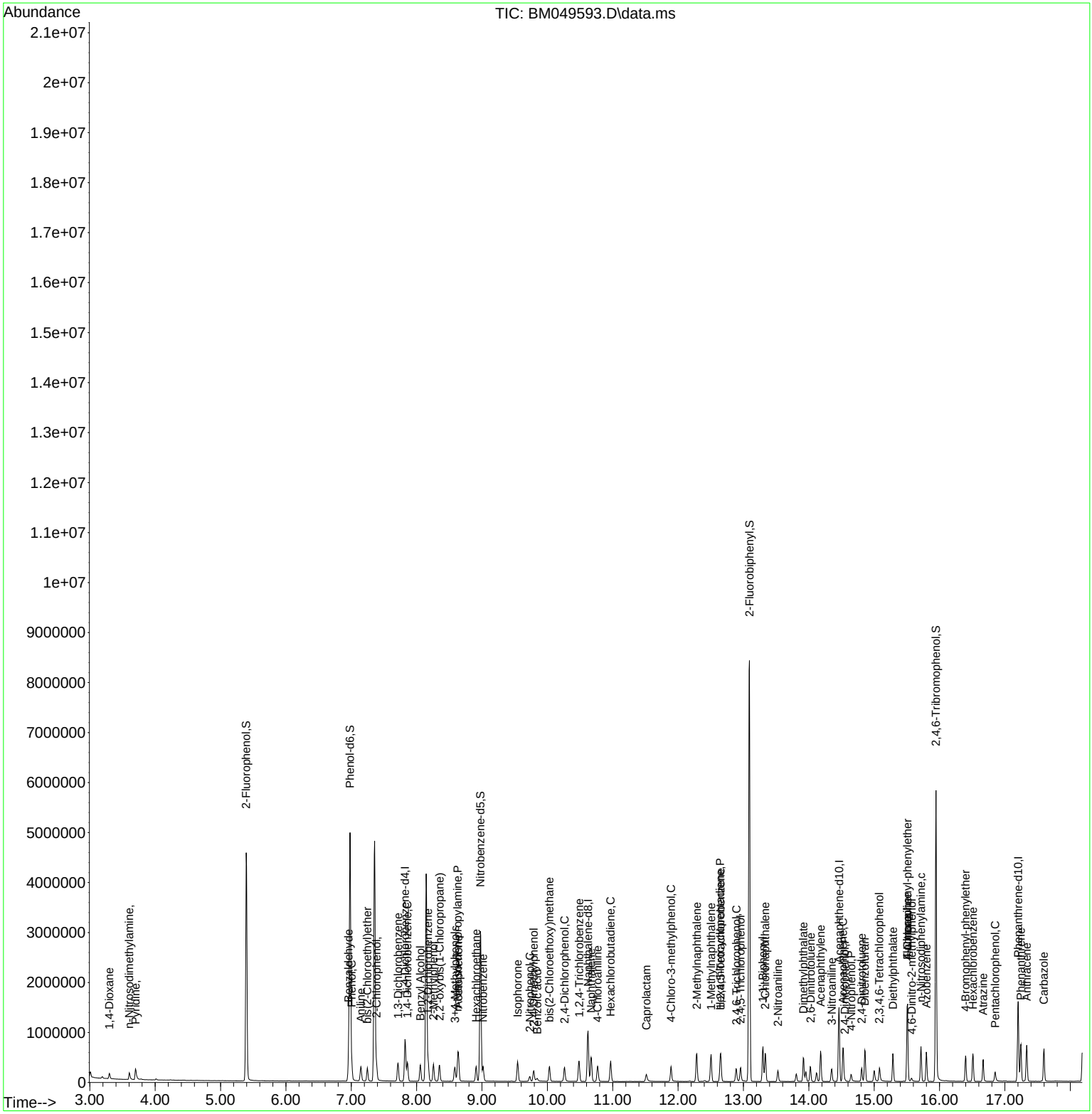

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