

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020625\
 Data File : BM049590.D
 Acq On : 06 Feb 2025 22:16
 Operator : RC/JU
 Sample : Q1168-01
 Misc : LOD-MDL-SOIL 4PPM
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Feb 07 01:32:01 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

Manual Integrations APPROVED

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

02/07/2025
 Supervised By :mohammad
 ahmed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	183370	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	667790	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	408793	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	774890	20.000	ng	0.00
76) Chrysene-d12	21.439	240	636922	20.000	ng	0.00
86) Perylene-d12	24.468	264	528165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1489935	130.662	ng	0.00
7) Phenol-d6	6.981	99	1916424	128.281	ng	0.00
23) Nitrobenzene-d5	8.975	82	1292134	99.528	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	602491	124.382	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	3104272	98.373	ng	0.00
79) Terphenyl-d14	19.833	244	5419260	129.928	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.299	88	22246	4.640	ng	96
3) Pyridine	3.704	79	47421	3.559	ng	# 92
4) n-Nitrosodimethylamine	3.604	42	27182	4.361	ng	# 81
6) Aniline	7.145	93	58618	4.140	ng	99
8) 2-Chlorophenol	7.387	128	46801	4.110	ng	93
9) Benzaldehyde	6.957	77	52893	6.687	ng	95
10) Phenol	7.004	94	61926	4.209	ng	87
11) bis(2-Chloroethyl)ether	7.245	93	51061	4.289	ng	95
12) 1,3-Dichlorobenzene	7.716	146	57926	4.383	ng	97
13) 1,4-Dichlorobenzene	7.857	146	58731	4.393	ng	95
14) 1,2-Dichlorobenzene	8.175	146	55417	4.293	ng	99
15) Benzyl Alcohol	8.057	79	35670	3.432	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.345	45	75424	4.707	ng	98
17) 2-Methylphenol	8.257	107	32352	3.596	ng	95
18) Hexachloroethane	8.910	117	19704	4.035	ng	94
19) n-Nitroso-di-n-propyla...	8.628	70	36946	3.777	ng	98
20) 3+4-Methylphenols	8.581	107	40266	3.390	ng	97
22) Acetophenone	8.639	105	74430	4.138	ng	# 93
24) Nitrobenzene	9.016	77	62123	4.925	ng	97
25) Isophorone	9.545	82	92645	3.957	ng	100
26) 2-Nitrophenol	9.728	139	8398	4.283	ng	95
27) 2,4-Dimethylphenol	9.792	122	20972m	2.833	ng	
28) bis(2-Chloroethoxy)met...	10.033	93	59883	3.971	ng	98
29) 2,4-Dichlorophenol	10.263	162	29337	2.877	ng	96
30) 1,2,4-Trichlorobenzene	10.486	180	51198	4.099	ng	98
31) Naphthalene	10.669	128	139236	3.953	ng	98
32) Benzoic acid	9.816	122	5108m	6.342	ng	
33) 4-Chloroaniline	10.769	127	50602	3.839	ng	98
34) Hexachlorobutadiene	10.969	225	29758	3.978	ng	95
35) Caprolactam	11.504	113	7554m	2.429	ng	
36) 4-Chloro-3-methylphenol	11.892	107	28432	2.796	ng	93
37) 2-Methylnaphthalene	12.286	142	89980	3.629	ng	99
38) 1-Methylnaphthalene	12.504	142	84908	3.519	ng	96
40) 1,2,4,5-Tetrachloroben...	12.651	216	51891	3.861	ng	98
41) Hexachlorocyclopentadiene	12.645	237	8793	2.563	ng	96
43) 2,4,6-Trichlorophenol	12.886	196	16949	2.311	ng	93

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44) 2,4,5-Trichlorophenol	12.957	196	20325	2.522	ng	96	
46) 1,1'-Biphenyl	13.298	154	127735	4.096	ng	99	
47) 2-Chloronaphthalene	13.333	162	96246	3.989	ng	98	
48) 2-Nitroaniline	13.527	65	15018	6.285	ng	95	
49) Acenaphthylene	14.180	152	140915	3.961	ng	99	
50) Dimethylphthalate	13.916	163	104864	3.572	ng	100	
51) 2,6-Dinitrotoluene	14.021	165	15107	2.974	ng	#	77
52) Acenaphthene	14.527	154	85269	3.611	ng	98	
53) 3-Nitroaniline	14.351	138	15029	2.906	ng	#	93
54) 2,4-Dinitrophenol	14.551	184	2207	4.933	ng	#	70
55) Dibenzofuran	14.857	168	139188	3.702	ng	98	
57) 2,4-Dinitrotoluene	14.810	165	15628	5.094	ng	88	
58) Fluorene	15.510	166	108265	3.366	ng	94	
59) 2,3,4,6-Tetrachlorophenol	15.080	232	16701	2.453	ng	#	97
60) Diethylphthalate	15.286	149	98990	3.355	ng	99	
61) 4-Chlorophenyl-phenyle...	15.510	204	58695	3.428	ng	98	
62) 4-Nitroaniline	15.504	138	13921	6.108	ng	83	
63) Azobenzene	15.798	77	117485	3.815	ng	96	
65) 4,6-Dinitro-2-methylph...	15.574	198	2989	5.809	ng	92	
66) n-Nitrosodiphenylamine	15.715	169	82922	3.393	ng	95	
67) 4-Bromophenyl-phenylether	16.398	248	31352	3.483	ng	97	
68) Hexachlorobenzene	16.509	284	37314	3.611	ng	94	
69) Atrazine	16.668	200	22526	3.101	ng	96	
70) Pentachlorophenol	16.851	266	9621	8.960	ng	92	
71) Phenanthrene	17.245	178	163022	3.693	ng	99	
72) Anthracene	17.333	178	149995	3.432	ng	98	
73) Carbazole	17.598	167	133448	3.478	ng	97	
74) Di-n-butylphthalate	18.186	149	123952	2.546	ng	#	98
75) Fluoranthene	19.256	202	164872	3.190	ng	98	
77) Benzidine	19.439	184	13265	2.352	ng	98	
78) Pyrene	19.615	202	176102	3.693	ng	99	
81) Benzo(a)anthracene	21.421	228	160039	3.708	ng	98	
82) 3,3'-Dichlorobenzidine	21.344	252	23474	2.021	ng	#	92
83) Chrysene	21.486	228	155224	3.838	ng	99	
87) Indeno(1,2,3-cd)pyrene	27.891	276	110543	3.832	ng	#	91
88) Benzo(b)fluoranthene	23.515	252	118938	3.273	ng	98	
89) Benzo(k)fluoranthene	23.580	252	129008m	3.656	ng		
90) Benzo(a)pyrene	24.327	252	94963	3.298	ng	93	
91) Dibenzo(a,h)anthracene	27.956	278	84358m	3.700	ng		
92) Benzo(g,h,i)perylene	28.950	276	95950m	3.768	ng		

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

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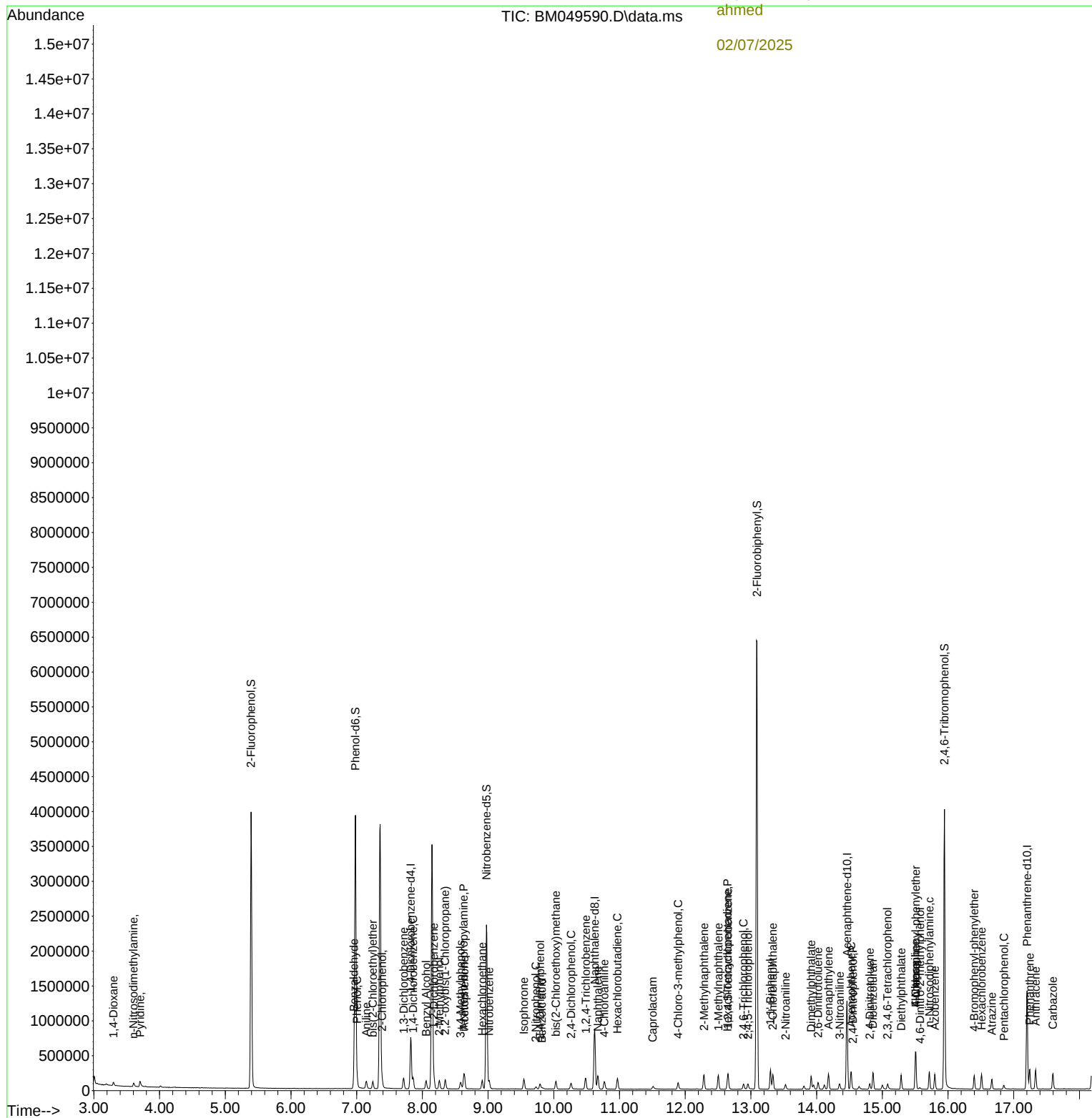
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