

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020625\
 Data File : BM049583.D
 Acq On : 06 Feb 2025 17:03
 Operator : RC/JU
 Sample : Q1168-02
 Misc : LOQ-SOIL 10PPM
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Feb 06 18:13:26 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

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	187880	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	714239	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	441066	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	846227	20.000	ng	0.00
76) Chrysene-d12	21.444	240	734420	20.000	ng	0.00
86) Perylene-d12	24.474	264	618274	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	697374	59.689	ng	0.00
7) Phenol-d6	6.975	99	941188	61.488	ng	0.00
23) Nitrobenzene-d5	8.975	82	839145	60.433	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	264898	50.686	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	1949454	57.257	ng	0.00
79) Terphenyl-d14	19.833	244	2940695	61.144	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.299	88	43712	8.898	ng	96
3) Pyridine	3.693	79	182429	13.364	ng	98
4) n-Nitrosodimethylamine	3.599	42	93439	14.630	ng	# 89
6) Aniline	7.145	93	233430	16.090	ng	100
8) 2-Chlorophenol	7.387	128	148909	12.764	ng	97
9) Benzaldehyde	6.957	77	103393m	12.757	ng	
10) Phenol	7.004	94	201243	13.348	ng	98
11) bis(2-Chloroethyl)ether	7.245	93	169829	13.924	ng	97
12) 1,3-Dichlorobenzene	7.716	146	183334	13.539	ng	98
13) 1,4-Dichlorobenzene	7.857	146	187773	13.709	ng	97
14) 1,2-Dichlorobenzene	8.175	146	180950	13.682	ng	96
15) Benzyl Alcohol	8.051	79	129746	12.184	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.351	45	249009	15.166	ng	99
17) 2-Methylphenol	8.257	107	119543	12.968	ng	96
18) Hexachloroethane	8.910	117	65694	13.131	ng	93
19) n-Nitroso-di-n-propyla...	8.628	70	136076	13.576	ng	98
20) 3+4-Methylphenols	8.581	107	156054	12.824	ng	98
22) Acetophenone	8.639	105	162786	8.462	ng	# 95
24) Nitrobenzene	9.016	77	192647	14.280	ng	98
25) Isophorone	9.545	82	340553	13.599	ng	99
26) 2-Nitrophenol	9.733	139	34136	10.448	ng	94
27) 2,4-Dimethylphenol	9.792	122	113803	14.372	ng	95
28) bis(2-Chloroethoxy)met...	10.033	93	211339	13.103	ng	99
29) 2,4-Dichlorophenol	10.263	162	122328	11.218	ng	98
30) 1,2,4-Trichlorobenzene	10.486	180	171400	12.830	ng	99
31) Naphthalene	10.669	128	476788	12.657	ng	99
32) Benzoic acid	9.839	122	18358m	9.564	ng	
33) 4-Chloroaniline	10.769	127	193133	13.698	ng	99
34) Hexachlorobutadiene	10.969	225	105284	13.160	ng	99
35) Caprolactam	11.516	113	19583	5.887	ng	# 87
36) 4-Chloro-3-methylphenol	11.892	107	115902	10.658	ng	99
37) 2-Methylnaphthalene	12.286	142	319388	12.042	ng	99
38) 1-Methylnaphthalene	12.504	142	309870	12.008	ng	98
40) 1,2,4,5-Tetrachloroben...	12.651	216	118841	8.195	ng	98
41) Hexachlorocyclopentadiene	12.645	237	50653	13.682	ng	96
43) 2,4,6-Trichlorophenol	12.892	196	82533	10.430	ng	98

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44) 2,4,5-Trichlorophenol	12.957	196	96478	11.094	ng	99
46) 1,1'-Biphenyl	13.298	154	279431	8.305	ng	99
47) 2-Chloronaphthalene	13.333	162	339331	13.035	ng	98
48) 2-Nitroaniline	13.527	65	71295	11.935	ng	95
49) Acenaphthylene	14.180	152	518561	13.509	ng	99
50) Dimethylphthalate	13.921	163	389359	12.292	ng	99
51) 2,6-Dinitrotoluene	14.027	165	68222	12.447	ng	94
52) Acenaphthene	14.527	154	316287	12.413	ng	98
53) 3-Nitroaniline	14.351	138	71210	12.761	ng	99
54) 2,4-Dinitrophenol	14.557	184	8780	12.150	ng	# 86
55) Dibenzofuran	14.863	168	511634	12.611	ng	99
56) 4-Nitrophenol	14.651	139	42206	8.972	ng	97
57) 2,4-Dinitrotoluene	14.810	165	79278	13.957	ng	94
58) Fluorene	15.510	166	418947	12.071	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	82742m	11.262	ng	
60) Diethylphthalate	15.292	149	376618	11.831	ng	100
61) 4-Chlorophenyl-phenyle...	15.510	204	216735	11.733	ng	95
62) 4-Nitroaniline	15.510	138	73323	11.732	ng	94
63) Azobenzene	15.798	77	439425	13.225	ng	97
65) 4,6-Dinitro-2-methylph...	15.574	198	15622	12.372	ng	93
66) n-Nitrosodiphenylamine	15.715	169	330859	12.398	ng	99
67) 4-Bromophenyl-phenylether	16.404	248	119572	12.163	ng	100
68) Hexachlorobenzene	16.515	284	139933	12.401	ng	99
69) Atrazine	16.668	200	59399	7.487	ng	94
70) Pentachlorophenol	16.851	266	44117	12.947	ng	96
71) Phenanthrene	17.245	178	597954	12.403	ng	100
72) Anthracene	17.333	178	600954	12.589	ng	99
73) Carbazole	17.598	167	531398	12.684	ng	99
74) Di-n-butylphthalate	18.186	149	546359	10.277	ng	99
75) Fluoranthene	19.256	202	641701	11.369	ng	99
77) Benzidine	19.439	184	60871	9.359	ng	99
78) Pyrene	19.615	202	667680	12.142	ng	99
80) Butylbenzylphthalate	20.533	149	113117	6.611	ng	99
81) Benzo(a)anthracene	21.427	228	621776	12.492	ng	100
82) 3,3'-Dichlorobenzidine	21.344	252	75004	5.600	ng	99
83) Chrysene	21.486	228	579459	12.426	ng	99
84) Bis(2-ethylhexyl)phtha...	21.380	149	230418	7.855	ng	97
85) Di-n-octyl phthalate	22.538	149	290820	6.284	ng	# 93
87) Indeno(1,2,3-cd)pyrene	27.891	276	405039	11.996	ng	# 92
88) Benzo(b)fluoranthene	23.515	252	483948	11.378	ng	99
89) Benzo(k)fluoranthene	23.580	252	499781	12.098	ng	99
90) Benzo(a)pyrene	24.327	252	409555	12.151	ng	99
91) Dibenzo(a,h)anthracene	27.962	278	306992	11.504	ng	97
92) Benzo(g,h,i)perylene	28.944	276	335373	11.250	ng	98

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

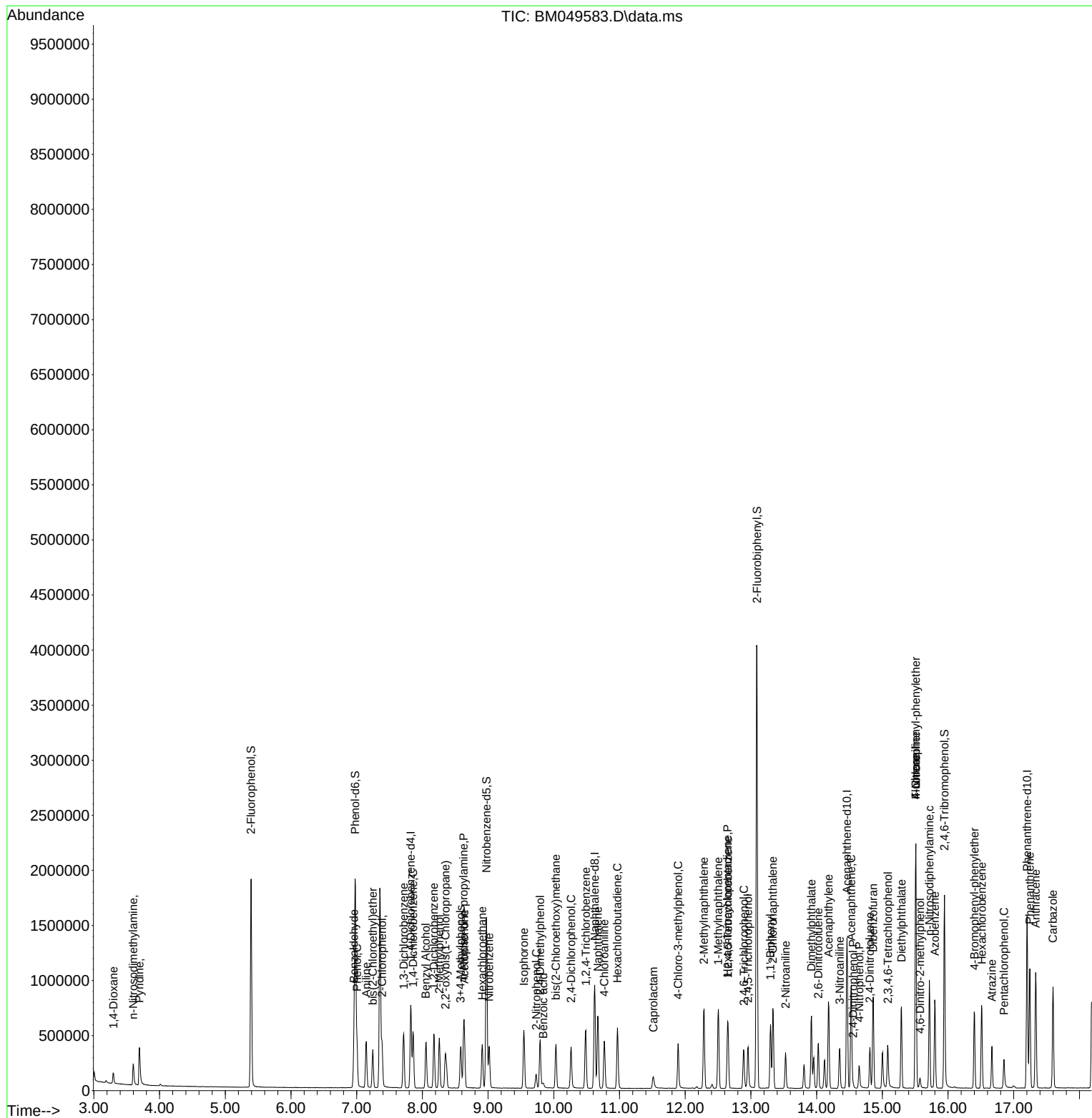
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