

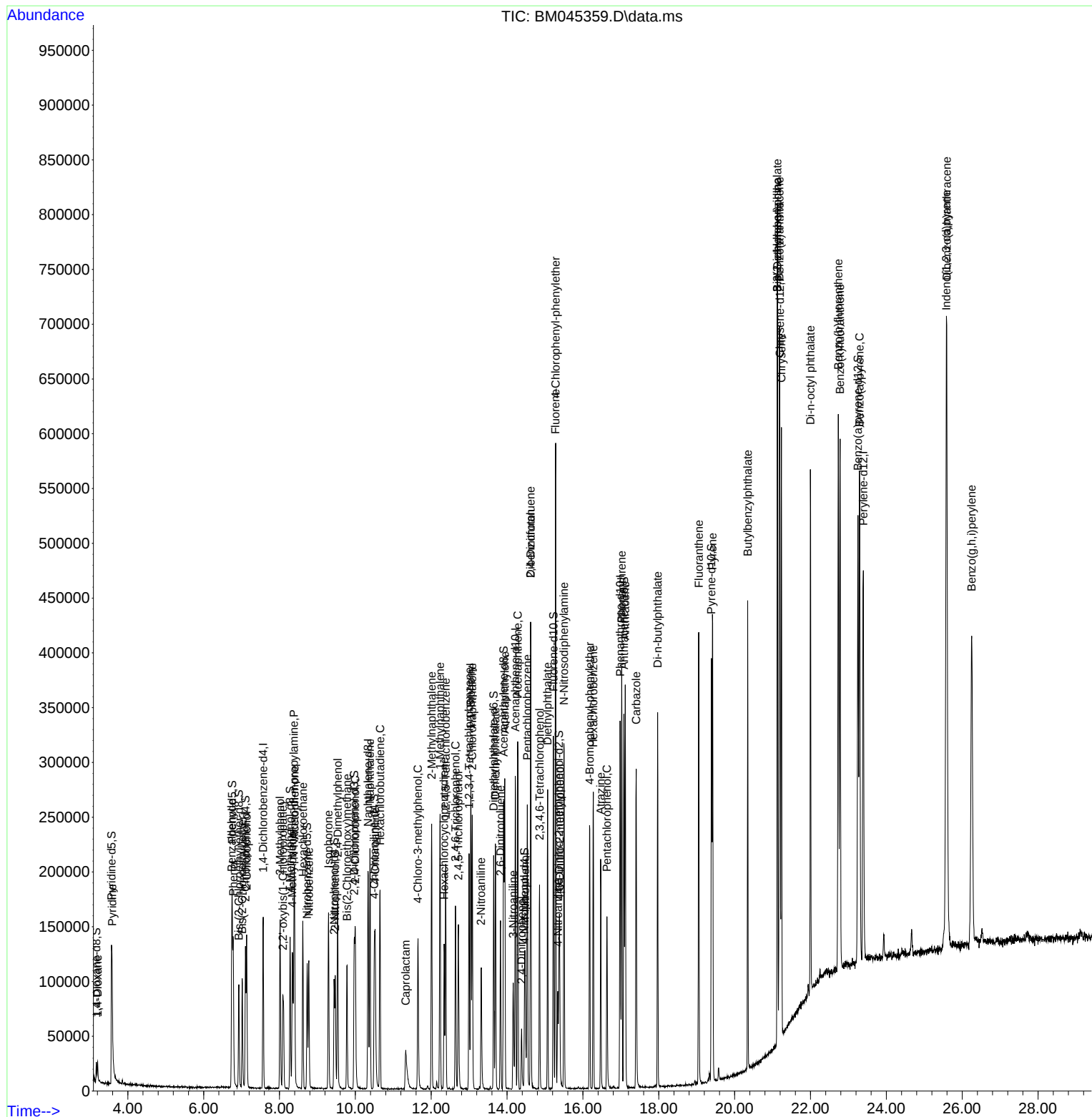
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041724\
Data File : BM045359.D
Acq On : 18 Apr 2024 17:18
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020108

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/19/2024
Supervised By :mohammad ahmed 04/25/2024

Quant Time: Apr 18 17:54:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 17 12:42:01 2024
Response via : Initial Calibration



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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	38791	20.000	ng/u1	0.00
20) Naphthalene-d8	10.334	136	157126	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.216	164	92463	20.000	ng/u1	-0.01
64) Phenanthrene-d10	16.980	188	188163	20.000	ng/u1	0.00
79) Chrysene-d12	21.192	240	193907	20.000	ng/u1	-0.01
88) Perylene-d12	23.392	264	266701	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	8123	7.820	ng/uL	0.00
4) Pyridine-d5	3.569	84	51226	18.134	ng/u1	0.00
7) Phenol-d5	6.751	99	63340	19.261	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	39380	20.099	ng/u1	0.00
11) 2-Chlorophenol-d4	7.104	132	54140	21.014	ng/u1	0.00
15) 4-Methylphenol-d8	8.281	113	50129	19.475	ng/u1	0.00
21) Nitrobenzene-d5	8.728	128	24513	20.310	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.439	143	27309	21.437	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	50138	21.466	ng/u1	0.00
31) 4-Chloroaniline-d4	10.498	131	66925	17.997	ng/u1	-0.01
46) Dimethylphthalate-d6	13.645	166	133049	20.666	ng/u1	-0.01
49) Acenaphthylene-d8	13.910	160	158780	20.877	ng/u1	0.00
54) 4-Nitrophenol-d4	14.457	143	20172	15.013	ng/u1	-0.01
60) Fluorene-d10	15.221	176	114074	19.875	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	18956	16.991	ng/u1	-0.01
73) Anthracene-d10	17.080	188	175427	20.725	ng/u1	0.00
81) Pyrene-d10	19.386	212	203118	21.273	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.250	264	269283	20.697	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.205	88	9045	8.337	ng/uL	94
5) Pyridine	3.587	79	55612	18.579	ng/u1	95
6) Benzaldehyde	6.740	77	40549	26.599	ng/u1	97
8) Phenol	6.781	94	64927	19.066	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.016	93	52831	19.878	ng/u1	97
12) 2-Chlorophenol	7.134	128	56101	20.752	ng/u1	95
13) 2-Methylphenol	8.016	108	48130	19.148	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.087	45	64239	20.265	ng/u1	99
16) Acetophenone	8.398	105	79573	19.014	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.381	70	40353	20.422	ng/u1#	89
18) 4-Methylphenol	8.340	108	51336	18.948	ng/u1	89
19) Hexachloroethane	8.616	117	26444	22.240	ng/u1	94
22) Nitrobenzene	8.775	77	65282	22.046	ng/u1	97
23) Isophorone	9.292	82	110457	20.303	ng/u1	99
25) 2-Nitrophenol	9.469	139	29214	20.662	ng/u1#	83
26) 2,4-Dimethylphenol	9.534	107	56423	20.698	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.781	93	65913	20.436	ng/u1	99
29) 2,4-Dichlorophenol	9.998	162	48791	20.676	ng/u1	99
30) Naphthalene	10.386	128	169406	20.367	ng/u1	98
32) 4-Chloroaniline	10.522	127	67323	18.606	ng/u1	99
33) Hexachlorobutadiene	10.651	225	31323	21.349	ng/u1	94
34) Caprolactam	11.328	113	13172m	16.534	ng/u1	
35) 4-Chloro-3-methylphenol	11.645	107	45772	19.512	ng/u1	97
36) 2-Methylnaphthalene	12.010	142	108379	19.956	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.233	142	110113	20.036	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.380	216	54034	21.368	ng/ul#	96
40) Hexachlorocyclopentadiene	12.339	237	31888	20.832	ng/ul	97
41) 2,4,6-Trichlorophenol	12.639	196	34021	20.624	ng/ul	99
42) 2,4,5-Trichlorophenol	12.716	196	37659	20.720	ng/ul	94
43) 1,1'-Biphenyl	13.045	154	139073	21.300	ng/ul	95
44) 2-Chloronaphthalene	13.080	162	114343	21.555	ng/ul	97
45) 2-Nitroaniline	13.316	65	32312	22.067	ng/ul	91
47) Dimethylphthalate	13.692	163	139300	20.701	ng/ul	100
48) 2,6-Dinitrotoluene	13.827	165	27372	20.753	ng/ul#	84
50) Acenaphthylene	13.939	152	187324	21.088	ng/ul	99
51) 3-Nitroaniline	14.163	138	27650	19.219	ng/ul	87
52) Acenaphthene	14.280	153	124903	21.072	ng/ul	99
53) 2,4-Dinitrophenol	14.380	184	11878m	15.148	ng/ul	
55) 4-Nitrophenol	14.474	109	19726	16.694	ng/ul#	84
56) Dibenzofuran	14.621	168	164552	20.287	ng/ul	97
57) 2,4-Dinitrotoluene	14.621	165	38546	19.524	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	14.857	232	30583	19.661	ng/ul	98
59) Diethylphthalate	15.069	149	142006	20.685	ng/ul	97
61) Fluorene	15.274	166	131653	19.258	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.280	204	60479	18.874	ng/ul	93
63) 4-Nitroaniline	15.339	138	26207	20.036	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.386	198	20922	17.511	ng/ul	99
67) N-Nitrosodiphenylamine	15.504	169	109518	21.576	ng/ul	99
68) 4-Bromophenyl-phenylether	16.180	248	39030	21.298	ng/ul	96
69) Hexachlorobenzene	16.274	284	49240	20.656	ng/ul	92
70) Atrazine	16.468	200	35934	19.246	ng/ul	95
71) Pentachlorophenol	16.633	266	24609	16.995	ng/ul	92
72) Phenanthrene	17.021	178	213428	21.078	ng/ul	99
74) Anthracene	17.115	178	213588	20.621	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.998	216	52399	22.095	ng/uL	98
76) Pentachlorobenzene	14.533	250	55856	22.136	ng/uL	99
77) Carbazole	17.404	167	199166	19.941	ng/ul	99
78) Di-n-butylphthalate	17.968	149	236910	21.034	ng/ul	99
80) Fluoranthene	19.057	202	244144	21.680	ng/ul	98
82) Pyrene	19.415	202	258916	21.306	ng/ul	99
83) Butylbenzylphthalate	20.345	149	111415	21.882	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.127	252	87667	20.333	ng/ul	99
85) Benzo(a)anthracene	21.180	228	265349	20.168	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.127	149	163136	20.498	ng/ul	98
87) Chrysene	21.233	228	258156	21.048	ng/ul	99
89) Di-n-octyl phthalate	21.997	149	295297	17.598	ng/ul	100
90) Benzo(b)fluoranthene	22.733	252	312110	20.079	ng/ul	97
91) Benzo(k)fluoranthene	22.780	252	306265	19.575	ng/ul	97
93) Benzo(a)pyrene	23.292	252	305576	20.199	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.580	276	418458	21.354	ng/ul	100
95) Dibenzo(a,h)anthracene	25.591	278	349142	21.310	ng/ul	97
96) Benzo(g,h,i)perylene	26.250	276	345994	22.380	ng/ul	97

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