

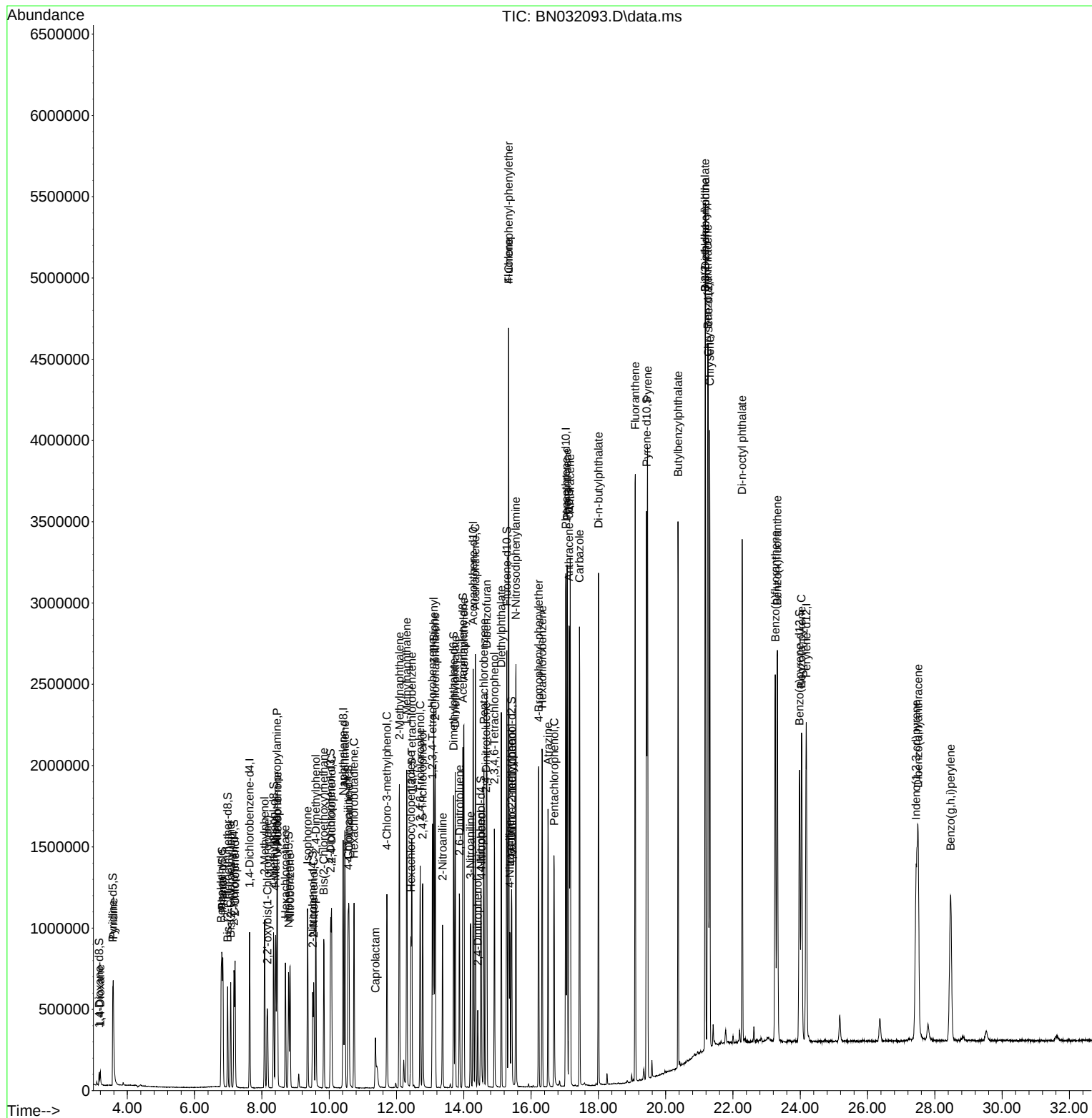
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032093.D
Acq On : 20 Jun 2024 09:33
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020296

Quant Time: Jun 20 10:50:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	276584	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	1307320	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	912701	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.033	188	1936056	20.000	ng/u1	0.00
79) Chrysene-d12	21.268	240	1656706	20.000	ng/u1	0.00
88) Perylene-d12	24.180	264	1620268	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	45242	6.767	ng/uL	0.00
4) Pyridine-d5	3.569	84	330977	17.587	ng/u1	0.00
7) Phenol-d5	6.816	99	446062	18.812	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	252742	18.223	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	370372	20.472	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	381925	19.760	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	191947	19.203	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	202333	19.595	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.045	165	396485	20.568	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	566160	19.781	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	1247854	19.625	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	1416676	19.377	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	227484	17.869	ng/u1	0.00
60) Fluorene-d10	15.280	176	1081820	20.108	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	181503	18.651	ng/u1	0.00
73) Anthracene-d10	17.127	188	1670836	20.158	ng/u1	0.00
81) Pyrene-d10	19.433	212	1891070	21.331	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	1549374	20.026	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	47922	6.699	ng/uL	98
5) Pyridine	3.587	79	327127	17.384	ng/u1	99
6) Benzaldehyde	6.793	77	232756	20.929	ng/u1	98
8) Phenol	6.840	94	457896	18.975	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.075	93	379231	19.006	ng/u1	97
12) 2-Chlorophenol	7.204	128	384594	20.314	ng/u1	96
13) 2-Methylphenol	8.081	108	367732	19.731	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.163	45	423785	18.450	ng/u1	99
16) Acetophenone	8.463	105	601575	20.537	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.446	70	281214	18.527	ng/u1#	96
18) 4-Methylphenol	8.410	108	403369	19.965	ng/u1	98
19) Hexachloroethane	8.698	117	157349	19.626	ng/u1	93
22) Nitrobenzene	8.840	77	433473	18.202	ng/u1	95
23) Isophorone	9.357	82	835399	17.100	ng/u1	98
25) 2-Nitrophenol	9.540	139	226857	20.110	ng/u1	94
26) 2,4-Dimethylphenol	9.604	107	416763	18.991	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.840	93	549156	18.036	ng/u1	99
29) 2,4-Dichlorophenol	10.069	162	395285	20.768	ng/u1	98
30) Naphthalene	10.469	128	1345437	19.886	ng/u1	100
32) 4-Chloroaniline	10.587	127	547320	19.697	ng/u1	99
33) Hexachlorobutadiene	10.740	225	241737	21.147	ng/u1	94
34) Caprolactam	11.375	113	127901m	17.216	ng/u1	
35) 4-Chloro-3-methylphenol	11.716	107	442346	19.883	ng/u1	99
36) 2-Methylnaphthalene	12.087	142	951806	20.581	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	950513	20.484	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.457	216	492216	20.392	ng/ul	100
40) Hexachlorocyclopentadiene	12.428	237	235972	16.962	ng/ul	96
41) 2,4,6-Trichlorophenol	12.704	196	330812	20.192	ng/ul	99
42) 2,4,5-Trichlorophenol	12.781	196	356341	20.015	ng/ul	94
43) 1,1'-Biphenyl	13.110	154	1268052	19.752	ng/ul	97
44) 2-Chloronaphthalene	13.151	162	994791	19.784	ng/ul	99
45) 2-Nitroaniline	13.369	65	251636	17.264	ng/ul#	85
47) Dimethylphthalate	13.745	163	1279046	19.669	ng/ul	100
48) 2,6-Dinitrotoluene	13.875	165	260980	20.191	ng/ul	95
50) Acenaphthylene	14.004	152	1622772	19.640	ng/ul	97
51) 3-Nitroaniline	14.204	138	277010	20.044	ng/ul	90
52) Acenaphthene	14.345	153	1079560	19.746	ng/ul	97
53) 2,4-Dinitrophenol	14.416	184	108246	16.588	ng/ul	93
55) 4-Nitrophenol	14.522	109	177048	18.747	ng/ul	91
56) Dibenzofuran	14.681	168	1474748	19.854	ng/ul	96
57) 2,4-Dinitrotoluene	14.663	165	375316	19.789	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.910	232	307845	20.672	ng/ul	99
59) Diethylphthalate	15.116	149	1298728	19.355	ng/ul	98
61) Fluorene	15.333	166	1209827	20.226	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.333	204	600977	20.744	ng/ul	99
63) 4-Nitroaniline	15.369	138	266262	20.238	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.428	198	193172	18.673	ng/ul	99
67) N-Nitrosodiphenylamine	15.551	169	1042873	19.542	ng/ul	98
68) 4-Bromophenyl-phenylether	16.227	248	396600	21.142	ng/ul	92
69) Hexachlorobenzene	16.333	284	455191	21.410	ng/ul	93
70) Atrazine	16.504	200	302319	17.942	ng/ul	99
71) Pentachlorophenol	16.686	266	262408	19.291	ng/ul	92
72) Phenanthrene	17.074	178	1957958	19.853	ng/ul	99
74) Anthracene	17.163	178	2016065	20.174	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	503585	20.208	ng/ul	99
76) Pentachlorobenzene	14.598	250	520498	21.444	ng/ul	98
77) Carbazole	17.439	167	1809802	21.239	ng/ul	98
78) Di-n-butylphthalate	18.004	149	2327152	19.850	ng/ul	100
80) Fluoranthene	19.098	202	2355480	22.232	ng/ul	95
82) Pyrene	19.463	202	2325375	21.392	ng/ul	96
83) Butylbenzylphthalate	20.368	149	1030604	20.073	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.180	252	659231	20.750	ng/ul	96
85) Benzo(a)anthracene	21.251	228	2210531	19.934	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.174	149	1511538	20.196	ng/ul	95
87) Chrysene	21.310	228	2036888	19.665	ng/ul	99
89) Di-n-octyl phthalate	22.274	149	2589951	23.876	ng/ul	100
90) Benzo(b)fluoranthene	23.262	252	1978910	20.433	ng/ul	98
91) Benzo(k)fluoranthene	23.321	252	2041822	21.485	ng/ul	97
93) Benzo(a)pyrene	24.039	252	1782619	19.653	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.445	276	1931891m	18.483	ng/ul	
95) Dibenzo(a,h)anthracene	27.503	278	1662101	19.477	ng/ul	95
96) Benzo(g,h,i)perylene	28.468	276	1526319	18.370	ng/ul	95

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