

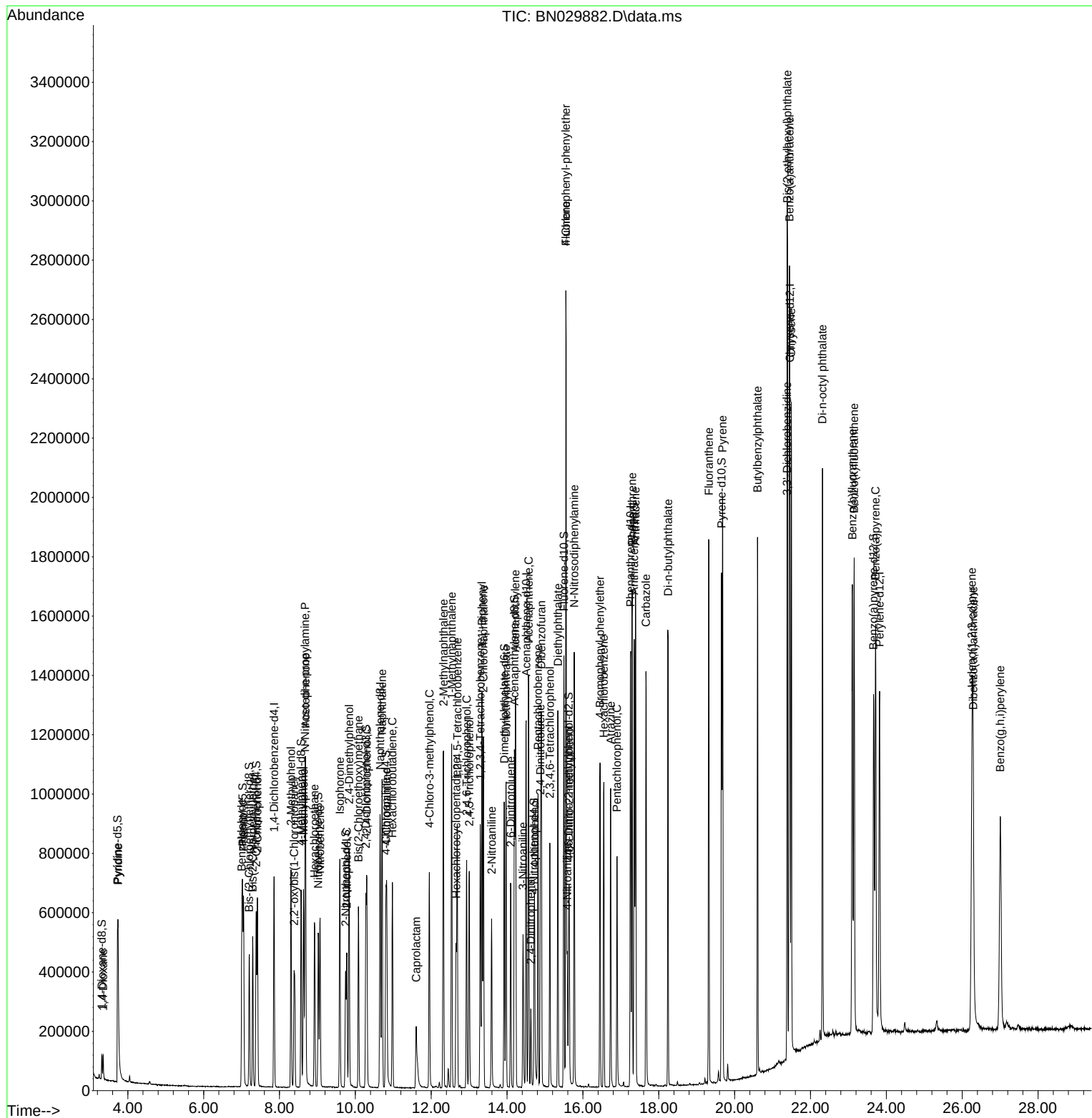
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022124\
 Data File : BN029882.D
 Acq On : 21 Feb 2024 10:09
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020316

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/22/2024
 Supervised By :mohammad ahmed 02/24/2024

Quant Time: Feb 21 23:00:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 13 22:50:45 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	7.857	152	174969	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.651	136	731593	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.504	164	400400	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.257	188	799753	20.000	ng/u1	-0.01
79) Chrysene-d12	21.457	240	735367	20.000	ng/u1	-0.01
88) Perylene-d12	23.821	264	802374	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	38548	7.246	ng/uL	0.00
4) Pyridine-d5	3.728	84	256033	18.048	ng/u1	0.00
7) Phenol-d5	7.028	99	306921	18.754	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.199	67	207643	19.011	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.387	132	243022	20.492	ng/u1	-0.01
15) 4-Methylphenol-d8	8.569	113	230086	18.851	ng/u1	-0.02
21) Nitrobenzene-d5	9.022	128	114199	20.112	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.746	143	111091	22.464	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.275	165	210876	21.604	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.804	131	301861	18.127	ng/u1	-0.01
46) Dimethylphthalate-d6	13.928	166	593192	19.899	ng/u1	0.00
49) Acenaphthylene-d8	14.192	160	703551	19.873	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.710	143	93956	16.606	ng/u1	-0.01
60) Fluorene-d10	15.498	176	513032	20.230	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.628	200	70990	18.217	ng/u1	0.00
73) Anthracene-d10	17.351	188	785407	20.955	ng/u1	-0.01
81) Pyrene-d10	19.657	212	864925	19.599	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.663	264	800006	19.926	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	42598	7.732	ng/uL	99
5) Pyridine	3.746	79	266069	18.129	ng/u1	99
6) Benzaldehyde	7.005	77	182012m	24.810	ng/u1	
8) Phenol	7.052	94	320176	19.089	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.293	93	266549	18.899	ng/u1	99
12) 2-Chlorophenol	7.416	128	255261	20.515	ng/u1	100
13) 2-Methylphenol	8.304	108	229566	18.967	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.387	45	349734	18.986	ng/u1	100
16) Acetophenone	8.687	105	386404	19.892	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.675	70	207772	20.717	ng/u1	96
18) 4-Methylphenol	8.634	108	251102	19.633	ng/u1	98
19) Hexachloroethane	8.922	117	112060	19.407	ng/u1	96
22) Nitrobenzene	9.069	77	316643	19.682	ng/u1	99
23) Isophorone	9.593	82	538629	19.221	ng/u1	99
25) 2-Nitrophenol	9.775	139	123925	21.945	ng/u1	97
26) 2,4-Dimethylphenol	9.834	107	264813	19.566	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.081	93	342133	19.211	ng/u1	99
29) 2,4-Dichlorophenol	10.304	162	209403	20.761	ng/u1	97
30) Naphthalene	10.704	128	805491	19.262	ng/u1	99
32) 4-Chloroaniline	10.828	127	298631	18.166	ng/u1	98
33) Hexachlorobutadiene	10.975	225	125823	20.213	ng/u1	99
34) Caprolactam	11.604	113	60780m	18.109	ng/u1	
35) 4-Chloro-3-methylphenol	11.951	107	240228	20.621	ng/u1	98
36) 2-Methylnaphthalene	12.322	142	511206	19.943	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	504361	19.846	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.687	216	244967	20.640	ng/ul	94
40) Hexachlorocyclopentadiene	12.657	237	113327	14.608	ng/ul	98
41) 2,4,6-Trichlorophenol	12.934	196	148640	21.728	ng/ul	98
42) 2,4,5-Trichlorophenol	13.004	196	160478	20.878	ng/ul	100
43) 1,1'-Biphenyl	13.340	154	652159	19.313	ng/ul	97
44) 2-Chloronaphthalene	13.375	162	513047	19.549	ng/ul	99
45) 2-Nitroaniline	13.592	65	156519	20.286	ng/ul	97
47) Dimethylphthalate	13.975	163	601810	19.722	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	109776	20.104	ng/ul	96
50) Acenaphthylene	14.222	152	844627	19.880	ng/ul	99
51) 3-Nitroaniline	14.422	138	116170	18.280	ng/ul	98
52) Acenaphthene	14.569	153	547245	19.499	ng/ul	92
53) 2,4-Dinitrophenol	14.628	184	41613	15.017	ng/ul	96
55) 4-Nitrophenol	14.728	109	89858	17.369	ng/ul	99
56) Dibenzofuran	14.904	168	733637	19.795	ng/ul	95
57) 2,4-Dinitrotoluene	14.881	165	165641	21.546	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.128	232	129780	23.790	ng/ul	99
59) Diethylphthalate	15.339	149	631218	20.138	ng/ul	99
61) Fluorene	15.551	166	602544	20.568	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.551	204	281788	21.506	ng/ul	93
63) 4-Nitroaniline	15.586	138	117874	20.551	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.639	198	80099	18.644	ng/ul	98
67) N-Nitrosodiphenylamine	15.769	169	496057	19.904	ng/ul	99
68) 4-Bromophenyl-phenylether	16.451	248	164348	21.711	ng/ul	88
69) Hexachlorobenzene	16.551	284	186459	21.854	ng/ul	93
70) Atrazine	16.733	200	158398	20.343	ng/ul	99
71) Pentachlorophenol	16.898	266	102610	20.708	ng/ul	97
72) Phenanthrene	17.298	178	935443	20.220	ng/ul	99
74) Anthracene	17.386	178	943473	20.321	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.292	216	227977	19.426	ng/uL	96
76) Pentachlorobenzene	14.816	250	208565	19.847	ng/uL	96
77) Carbazole	17.663	167	843070	19.881	ng/ul	99
78) Di-n-butylphthalate	18.245	149	1068839	20.960	ng/ul	100
80) Fluoranthene	19.322	202	1051914	19.623	ng/ul	97
82) Pyrene	19.680	202	1103870	19.465	ng/ul	96
83) Butylbenzylphthalate	20.604	149	477555	20.662	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.380	252	228557	16.047	ng/ul	97
85) Benzo(a)anthracene	21.445	228	1059093	19.605	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.392	149	739013	20.671	ng/ul	99
87) Chrysene	21.492	228	1029833	20.342	ng/ul	96
89) Di-n-octyl phthalate	22.316	149	1195414	19.220	ng/ul	100
90) Benzo(b)fluoranthene	23.104	252	1059143	20.957	ng/ul	97
91) Benzo(k)fluoranthene	23.151	252	1028668	19.886	ng/ul	98
93) Benzo(a)pyrene	23.715	252	985823	20.340	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.256	276	1074647	18.208	ng/ul	99
95) Dibenzo(a,h)anthracene	26.292	278	870933	18.076	ng/ul	93
96) Benzo(g,h,i)perylene	27.003	276	881430	17.856	ng/ul	94

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