

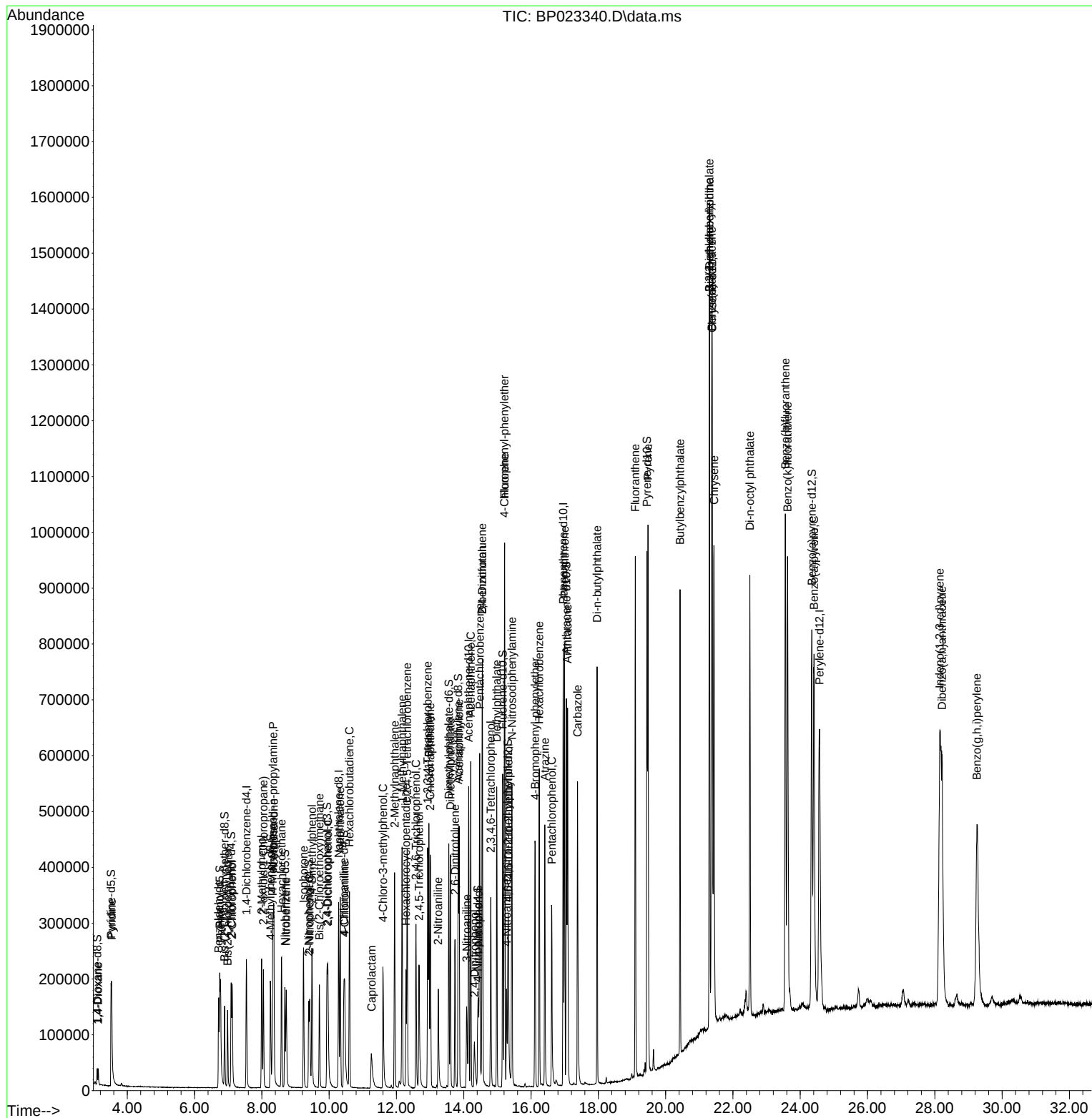
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
 Data File : BP023340.D
 Acq On : 10 Dec 2024 10:26
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020740

Quant Time: Dec 11 00:43:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/13/2024



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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	57389	20.000	ng/u1	0.00
20) Naphthalene-d8	10.281	136	212379	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.146	164	166758	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.957	188	427240	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	545739	20.000	ng/u1	0.00
88) Perylene-d12	24.574	264	695264m	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	12349	7.922	ng/uL	0.00
4) Pyridine-d5	3.517	84	80169	20.000	ng/u1	0.00
7) Phenol-d5	6.746	99	85400	18.966	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.893	67	60105	21.157	ng/u1	0.00
11) 2-Chlorophenol-d4	7.087	132	63867	19.217	ng/u1	0.00
15) 4-Methylphenol-d8	8.258	113	65824	18.112	ng/u1	0.00
21) Nitrobenzene-d5	8.687	128	30579	19.282	ng/u1	0.00
24) 2-Nitrophenol-d4	9.393	143	35692	19.528	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.934	165	74148	19.221	ng/u1	0.00
31) 4-Chloroaniline-d4	10.440	131	84799	19.622	ng/u1	0.00
46) Dimethylphthalate-d6	13.557	166	250381	19.341	ng/u1	0.00
49) Acenaphthylene-d8	13.834	160	267516	19.592	ng/u1	0.00
54) 4-Nitrophenol-d4	14.410	143	23725	14.955	ng/u1	0.00
60) Fluorene-d10	15.157	176	226043	19.852	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.310	200	48577	18.813	ng/u1	0.00
73) Anthracene-d10	17.051	188	395514	20.284	ng/u1	0.00
81) Pyrene-d10	19.445	212	520414	18.252	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.345	264	714566	19.199	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.140	88	14057m	8.150	ng/uL	
5) Pyridine	3.534	79	84511	20.640	ng/u1	96
6) Benzaldehyde	6.716	77	61408	23.855	ng/u1	96
8) Phenol	6.775	94	90902	19.391	ng/u1	94
10) Bis(2-Chloroethyl)ether	6.981	93	70613	19.083	ng/u1	92
12) 2-Chlorophenol	7.116	128	66572	19.108	ng/u1	96
13) 2-Methylphenol	7.993	108	64242	18.479	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.046	45	93819	20.849	ng/u1	97
16) Acetophenone	8.358	105	119021	19.458	ng/u1#	88
17) N-Nitroso-di-n-propyla...	8.334	70	66475	19.945	ng/u1	98
18) 4-Methylphenol	8.322	108	71198	18.974	ng/u1	90
19) Hexachloroethane	8.587	117	34948	20.602	ng/u1	97
22) Nitrobenzene	8.722	77	105014	21.762	ng/u1	95
23) Isophorone	9.240	82	170353	19.931	ng/u1	99
25) 2-Nitrophenol	9.422	139	38217	19.574	ng/u1	93
26) 2,4-Dimethylphenol	9.487	107	86486	20.005	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.710	93	96773	20.040	ng/u1	98
29) 2,4-Dichlorophenol	9.963	162	74193	19.406	ng/u1	98
30) Naphthalene	10.328	128	221225	19.898	ng/u1	99
32) 4-Chloroaniline	10.463	127	84115m	20.073	ng/u1	
33) Hexachlorobutadiene	10.605	225	72273	21.311	ng/u1	97
34) Caprolactam	11.257	113	19925m	17.861	ng/u1	
35) 4-Chloro-3-methylphenol	11.599	107	78699	18.957	ng/u1	96
36) 2-Methylnaphthalene	11.946	142	162385	19.695	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.169	142	167860	19.979	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.316	216	124404	20.443	ng/ul	99
40) Hexachlorocyclopentadiene	12.281	237	58232	19.916	ng/ul	98
41) 2,4,6-Trichlorophenol	12.581	196	72768	20.206	ng/ul	98
42) 2,4,5-Trichlorophenol	12.669	196	73054	18.986	ng/ul	98
43) 1,1'-Biphenyl	12.963	154	234850	19.876	ng/ul	97
44) 2-Chloronaphthalene	13.004	162	190879	19.972	ng/ul	99
45) 2-Nitroaniline	13.240	65	59293	21.413	ng/ul	93
47) Dimethylphthalate	13.604	163	244155	19.146	ng/ul	99
48) 2,6-Dinitrotoluene	13.740	165	47062	19.261	ng/ul	88
50) Acenaphthylene	13.863	152	275754	19.831	ng/ul	99
51) 3-Nitroaniline	14.087	138	40993m	20.017	ng/ul	
52) Acenaphthene	14.210	153	207674	20.433	ng/ul	97
53) 2,4-Dinitrophenol	14.316	184	26487	16.810	ng/ul	96
55) 4-Nitrophenol	14.434	109	30275	14.166	ng/ul	92
56) Dibenzofuran	14.551	168	307098	19.896	ng/ul	97
57) 2,4-Dinitrotoluene	14.551	165	75493	19.173	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	14.804	232	75649	19.804	ng/ul	98
59) Diethylphthalate	14.981	149	258824	20.351	ng/ul	100
61) Fluorene	15.216	166	248869	19.802	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.210	204	149672	20.532	ng/ul	98
63) 4-Nitroaniline	15.275	138	39300m	21.819	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.328	198	51749	18.892	ng/ul#	91
67) N-Nitrosodiphenylamine	15.434	169	216028	19.800	ng/ul	99
68) 4-Bromophenyl-phenylether	16.122	248	100588	19.944	ng/ul	97
69) Hexachlorobenzene	16.245	284	122702	19.858	ng/ul	97
70) Atrazine	16.410	200	101409	21.361	ng/ul	96
71) Pentachlorophenol	16.616	266	66143	18.340	ng/ul	98
72) Phenanthrene	16.998	178	437441	19.805	ng/ul	99
74) Anthracene	17.087	178	447187	20.248	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.928	216	122617	19.910	ng/ul	99
76) Pentachlorobenzene	14.475	250	134128	19.759	ng/ul	99
77) Carbazole	17.381	167	380326	21.137	ng/ul	100
78) Di-n-butylphthalate	17.963	149	457986	20.715	ng/ul	99
80) Fluoranthene	19.098	202	592734	18.142	ng/ul	99
82) Pyrene	19.475	202	641480	18.503	ng/ul	99
83) Butylbenzylphthalate	20.428	149	225697	18.796	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.298	252	229270	18.308	ng/ul	99
85) Benzo(a)anthracene	21.369	228	716296	19.573	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.298	149	341837	19.824	ng/ul	99
87) Chrysene	21.439	228	685577	19.549	ng/ul	99
89) Di-n-octyl phthalate	22.504	149	617328	18.180	ng/ul	100
90) Benzo(b)fluoranthene	23.557	252	813412	18.621	ng/ul	99
91) Benzo(k)fluoranthene	23.621	252	835512	19.224	ng/ul	99
93) Benzo(a)pyrene	24.410	252	760701	19.206	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.145	276	1023855	20.116	ng/ul	98
95) Dibenzo(a,h)anthracene	28.215	278	816645	20.049	ng/ul	99
96) Benzo(g,h,i)perylene	29.251	276	781848m	20.063	ng/ul	

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