Quantitation Report (Qedit)

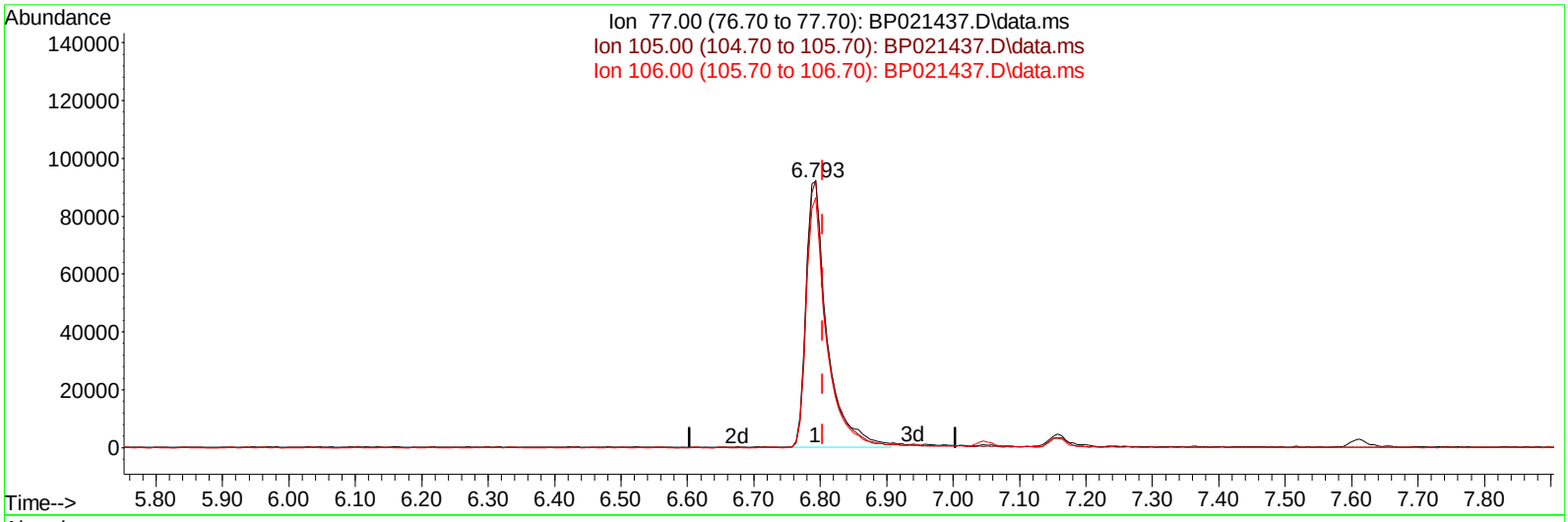
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021437.D
Acq On : 08 Aug 2024 04:06
Operator : CG/JU
Sample : PB162484BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

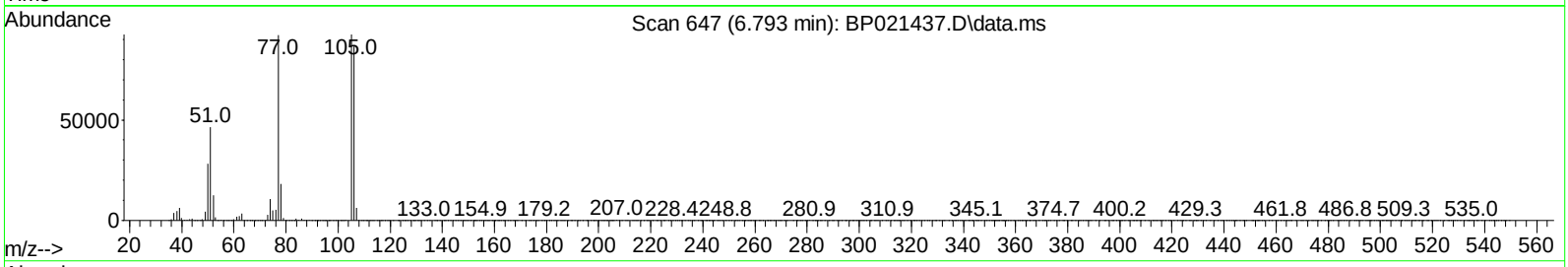
Quant Time: Aug 08 05:10:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

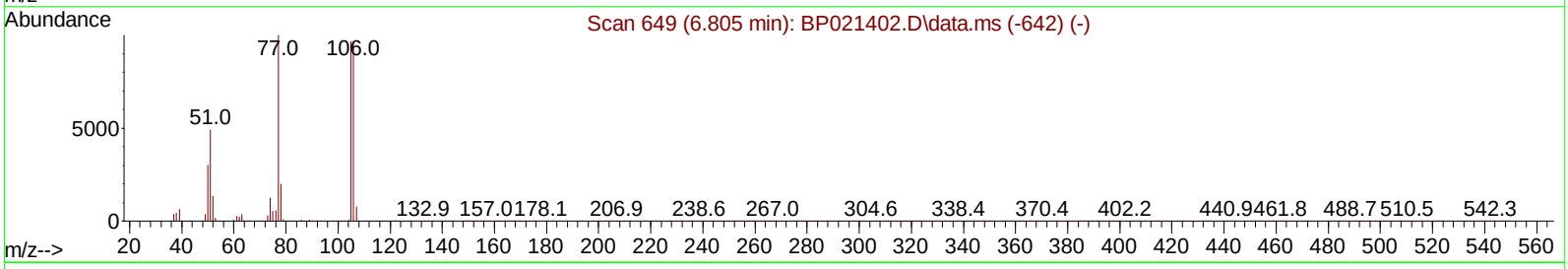
Instrument :
BNA_P
ClientSampleId :
SLCS484

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024







TIC: BP021437.D\data.ms

(6) Benzaldehyde

6.793min (-0.011) 35.26 ng/ul

response 203140

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.10	100.43
106.00	93.30	93.97
0.00	0.00	0.00

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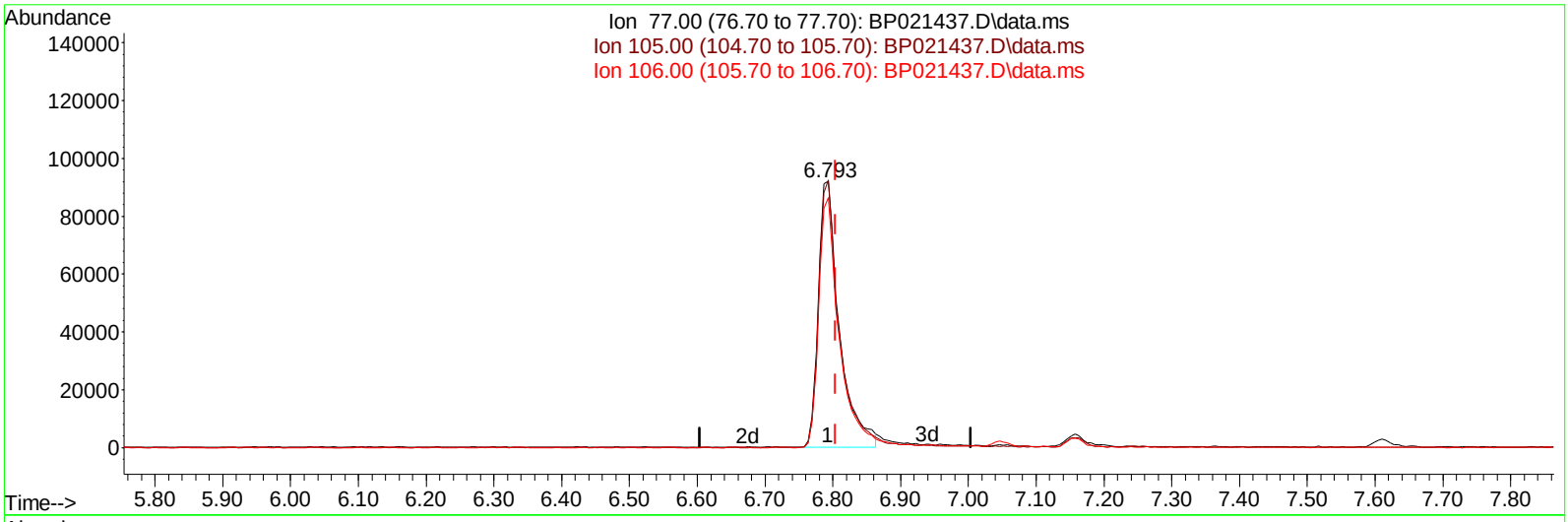

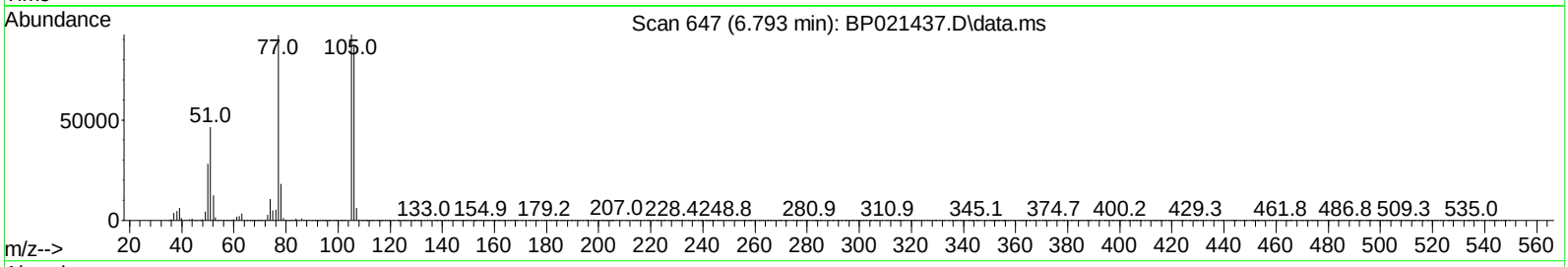

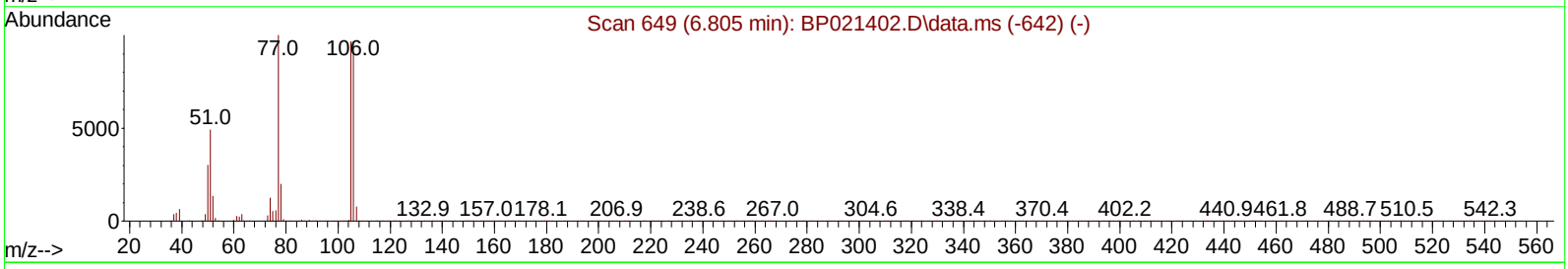

TIC: BP021437.D\data.ms

(6) Benzaldehyde

6.793min (-0.011) 34.50 ng/ul m

response 198741

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.10	100.43
106.00	93.30	93.97
0.00	0.00	0.00

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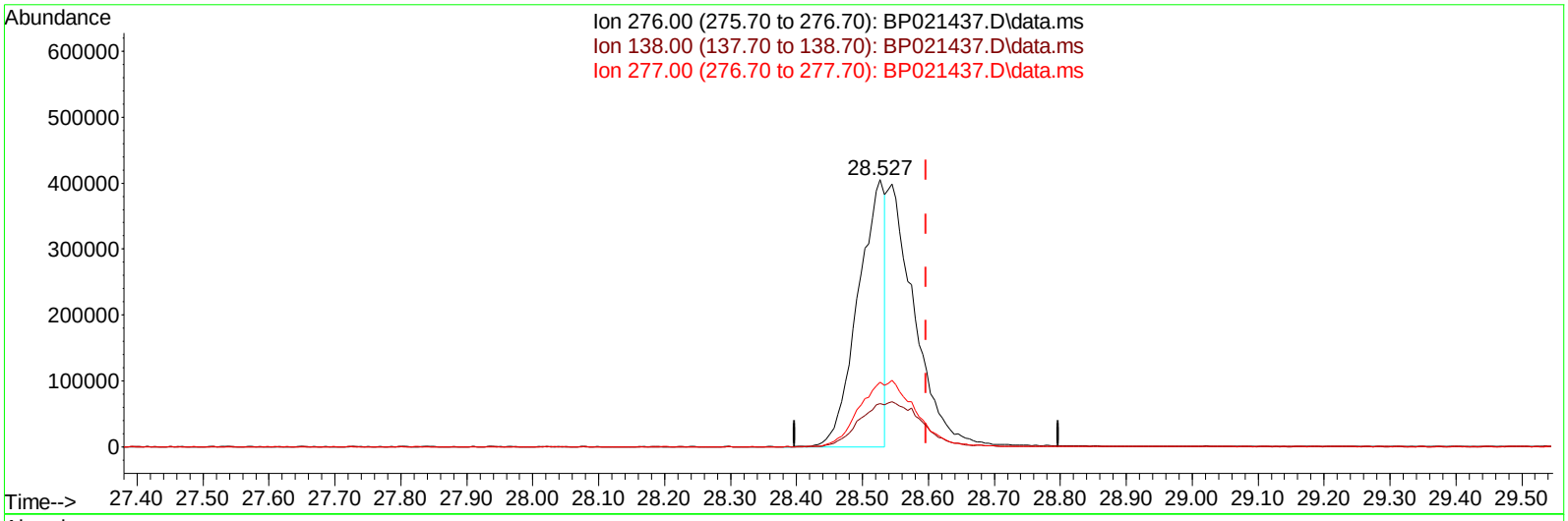

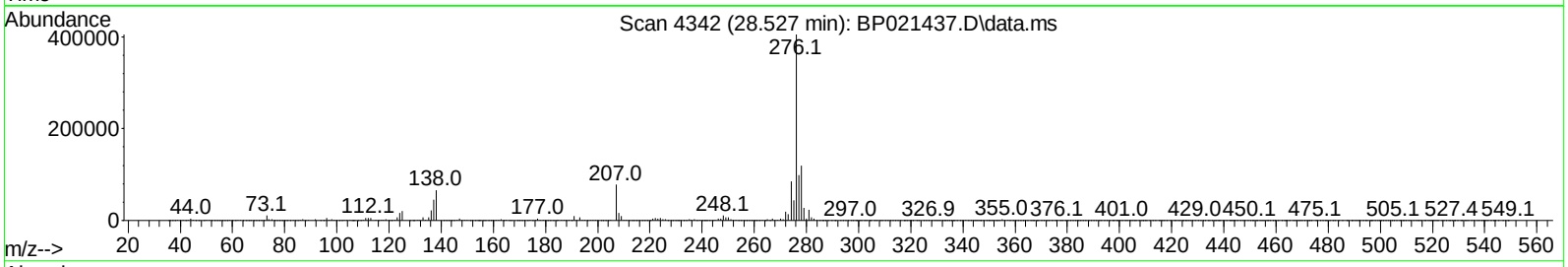

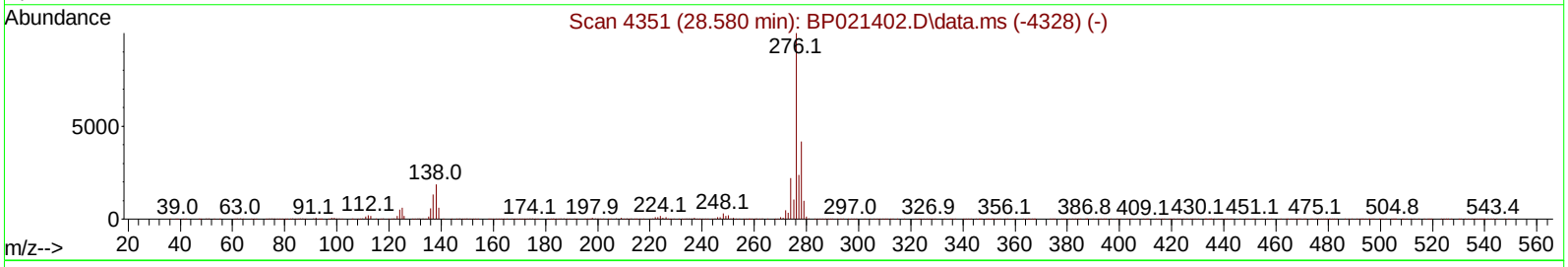

TIC: BP021437.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.527min (-0.070) 16.25 ng/ul

response 1133381

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	16.28
277.00	24.00	24.26
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : PB162484BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 08 05:10:16 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
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Instrument :
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ClientSampleId :
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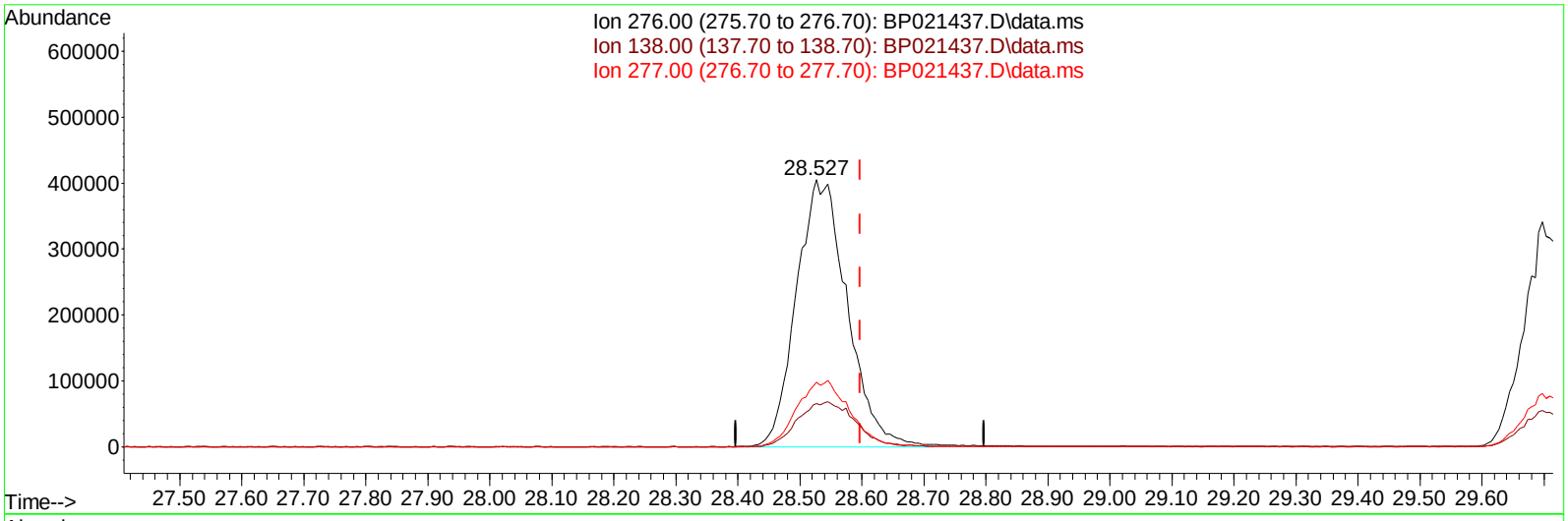

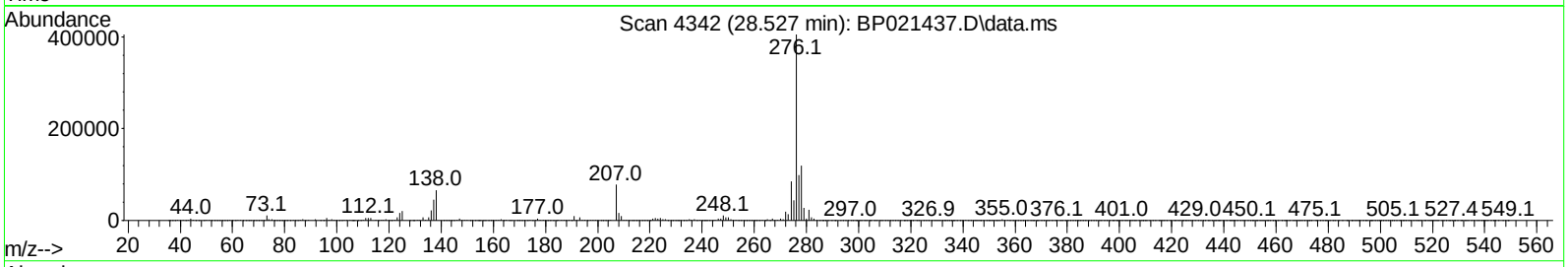

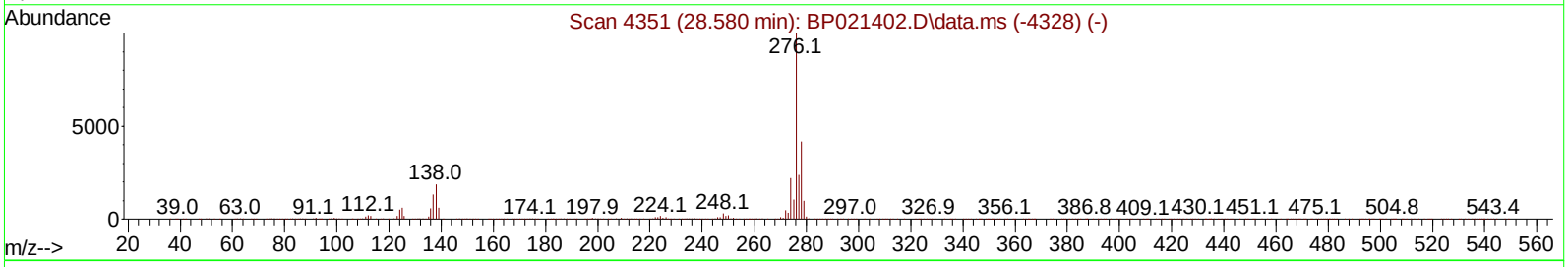

TIC: BP021437.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.527min (-0.070) 33.00 ng/ul m

response 2302366

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	16.28
277.00	24.00	24.26
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/08/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	140166	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.369	136	570779	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.251	164	373002	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.069	188	826457	20.000	ng/ul	-0.02
79) Chrysene-d12	21.522	240	814627	20.000	ng/ul	-0.01
88) Perylene-d12	24.798	264	944109	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	23685	7.690	ng/uL	-0.02
4) Pyridine-d5	3.575	84	248973	27.920	ng/ul	-0.02
7) Phenol-d5	6.828	99	385837	33.764	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	6.963	67	230832	33.332	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.158	132	307274	32.636	ng/ul	-0.02
15) 4-Methylphenol-d8	8.346	113	308158	32.469	ng/ul	-0.02
21) Nitrobenzene-d5	8.769	128	150914	34.041	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.487	143	175471	34.581	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.040	165	313555	34.174	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.552	131	403667	33.209	ng/ul	0.00
46) Dimethylphthalate-d6	13.663	166	924025	34.078	ng/ul	-0.02
49) Acenaphthylene-d8	13.940	160	1106750	36.350	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.581	143	177033	45.888	ng/ul	0.00
60) Fluorene-d10	15.263	176	847016	38.076	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.457	200	173489	34.694	ng/ul	0.00
73) Anthracene-d10	17.175	188	1348169	36.728	ng/ul	-0.02
81) Pyrene-d10	19.563	212	1664824	33.056	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.574	264	1730636	37.167	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.187	88	43301	12.782	ng/uL	97
5) Pyridine	3.593	79	255939	27.827	ng/ul	94
6) Benzaldehyde	6.793	77	198741m	34.497	ng/ul	
8) Phenol	6.858	94	411361	35.575	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.046	93	313917	32.863	ng/ul	99
12) 2-Chlorophenol	7.187	128	324807	34.421	ng/ul	97
13) 2-Methylphenol	8.075	108	305561	34.169	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.110	45	473895	34.339	ng/ul#	92
16) Acetophenone	8.440	105	507874	34.671	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.410	70	253589	33.040	ng/ul	99
18) 4-Methylphenol	8.416	108	333439	34.804	ng/ul	96
19) Hexachloroethane	8.652	117	137080	32.327	ng/ul	100
22) Nitrobenzene	8.810	77	381449	35.918	ng/ul	99
23) Isophorone	9.328	82	718598	34.036	ng/ul	97
25) 2-Nitrophenol	9.516	139	192411	36.358	ng/ul	99
26) 2,4-Dimethylphenol	9.581	107	309411	29.650	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.804	93	437054	34.056	ng/ul	99
29) 2,4-Dichlorophenol	10.075	162	320069	35.396	ng/ul	97
30) Naphthalene	10.416	128	1052441	35.054	ng/ul	99
32) 4-Chloroaniline	10.575	127	375298	32.334	ng/ul	99
33) Hexachlorobutadiene	10.669	225	224366	33.091	ng/ul	99
34) Caprolactam	11.399	113	106290	38.157	ng/ul	100
35) 4-Chloro-3-methylphenol	11.722	107	374886	38.140	ng/ul	99

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 08/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.046	142	719782	34.925	ng/ul	99
37) 1-Methylnaphthalene	12.263	142	736951	34.768	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.422	216	428363	35.362	ng/ul	99
40) Hexachlorocyclopentadiene	12.369	237	59194	9.341	ng/ul	97
41) 2,4,6-Trichlorophenol	12.698	196	238633	31.176	ng/ul	99
42) 2,4,5-Trichlorophenol	12.798	196	273537	33.776	ng/ul	98
43) 1,1'-Biphenyl	13.069	154	973505	35.712	ng/ul	98
44) 2-Chloronaphthalene	13.116	162	780865	35.882	ng/ul	98
45) 2-Nitroaniline	13.369	65	250983	41.705	ng/ul	95
47) Dimethylphthalate	13.710	163	985446	35.818	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	206450	37.532	ng/ul	98
50) Acenaphthylene	13.969	152	1256476	36.449	ng/ul	100
51) 3-Nitroaniline	14.228	138	211700	44.227	ng/ul	99
52) Acenaphthene	14.316	153	828857	36.226	ng/ul	99
53) 2,4-Dinitrophenol	14.469	184	98918	34.243	ng/ul	97
55) 4-Nitrophenol	14.598	109	117520	37.448	ng/ul	100
56) Dibenzofuran	14.669	168	1164854	37.178	ng/ul	100
57) 2,4-Dinitrotoluene	14.687	165	312213	41.348	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.910	232	207092	29.862	ng/ul	98
59) Diethylphthalate	15.098	149	1019419	37.075	ng/ul	99
61) Fluorene	15.328	166	966814	37.814	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.316	204	500535	36.078	ng/ul	98
63) 4-Nitroaniline	15.422	138	216677	54.662	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.475	198	181511	34.229	ng/ul	98
67) N-Nitrosodiphenylamine	15.545	169	838030	34.822	ng/ul	99
68) 4-Bromophenyl-phenylether	16.234	248	326936	33.750	ng/ul	99
69) Hexachlorobenzene	16.345	284	382941	34.477	ng/ul	98
70) Atrazine	16.551	200	32647	3.722	ng/ul	95
71) Pentachlorophenol	16.734	266	142670	23.650	ng/ul	97
72) Phenanthrene	17.116	178	1582490	36.911	ng/ul	100
74) Anthracene	17.210	178	1585134	36.267	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.034	216	432534	32.699	ng/uL	98
76) Pentachlorobenzene	14.581	250	423452	32.216	ng/uL	99
77) Carbazole	17.522	167	1466707	41.050	ng/ul	100
78) Di-n-butylphthalate	18.075	149	1624809	32.961	ng/ul	100
80) Fluoranthene	19.216	202	1974627	32.466	ng/ul	98
82) Pyrene	19.598	202	2062309	33.321	ng/ul	98
83) Butylbenzylphthalate	20.533	149	842960	32.690	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.433	252	695646	37.371	ng/ul	99
85) Benzo(a)anthracene	21.504	228	2090323	36.631	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.404	149	1152548	31.058	ng/ul	98
87) Chrysene	21.569	228	1987262	37.477	ng/ul	100
89) Di-n-octyl phthalate	22.639	149	2058694	33.009	ng/ul	100
90) Benzo(b)fluoranthene	23.763	252	2126713	37.120	ng/ul	99
91) Benzo(k)fluoranthene	23.827	252	2092053	36.589	ng/ul	99
93) Benzo(a)pyrene	24.651	252	1903354	35.156	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.527	276	2302366m	33.001	ng/ul	
95) Dibenzo(a,h)anthracene	28.574	278	1899992	32.888	ng/ul	98
96) Benzo(g,h,i)perylene	29.698	276	1744493	30.703	ng/ul	96

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

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