Quantitation Report (Qedit)

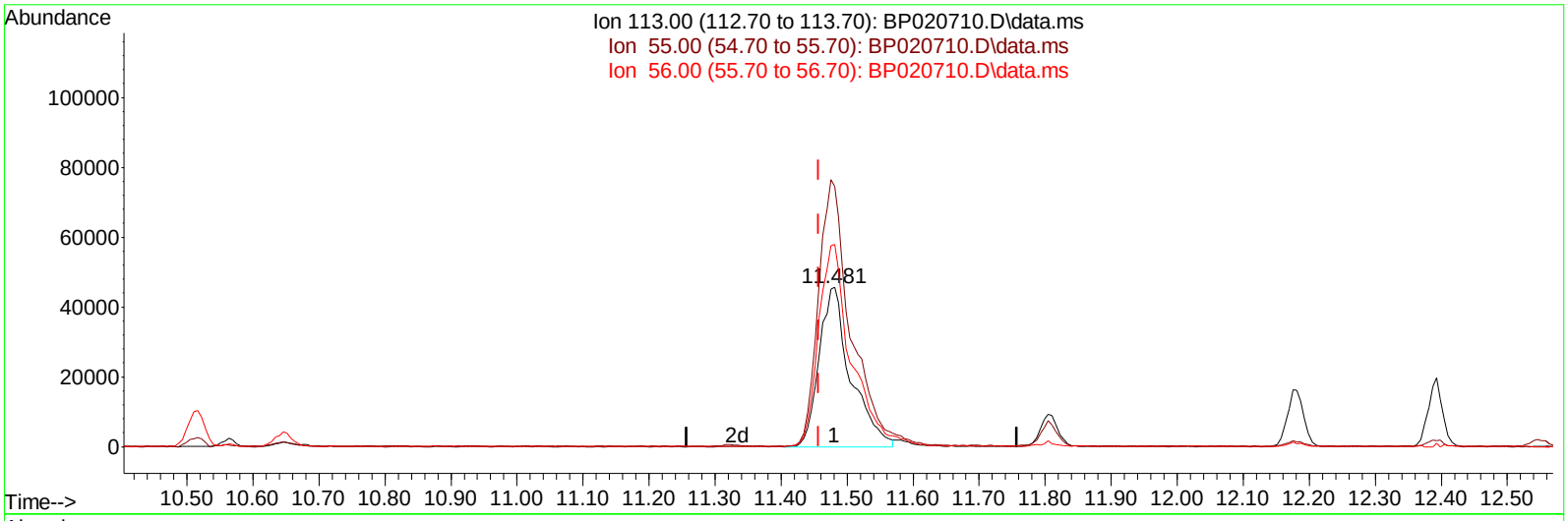
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020710.D
Acq On : 29 Jun 2024 03:44
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 68 Sample Multiplier: 1

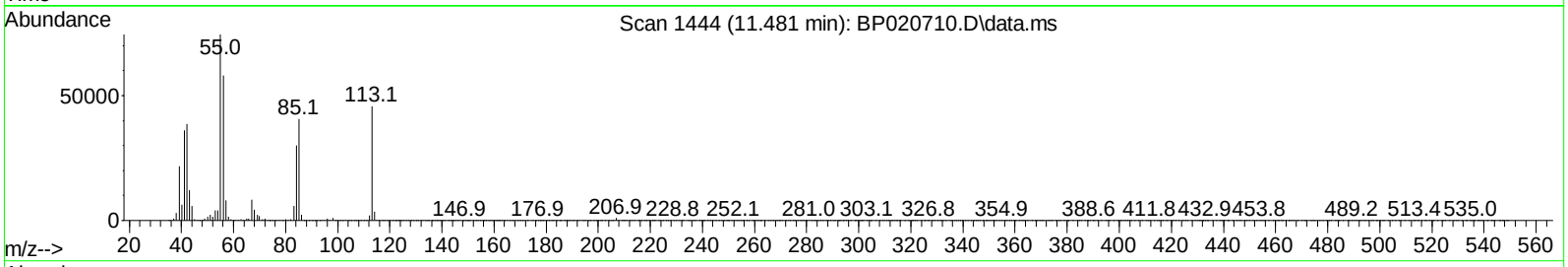
Quant Time: Jun 29 05:06:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

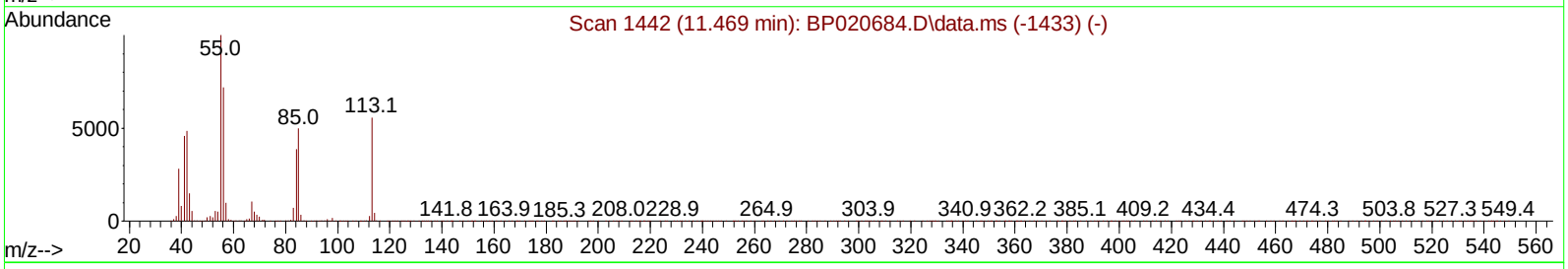
Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024







TIC: BP020710.D\data.ms

(34) Caprolactam

11.481min (+ 0.024) 21.18 ng/ul

response 151647

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.50	163.28
56.00	140.50	127.14
0.00	0.00	0.00

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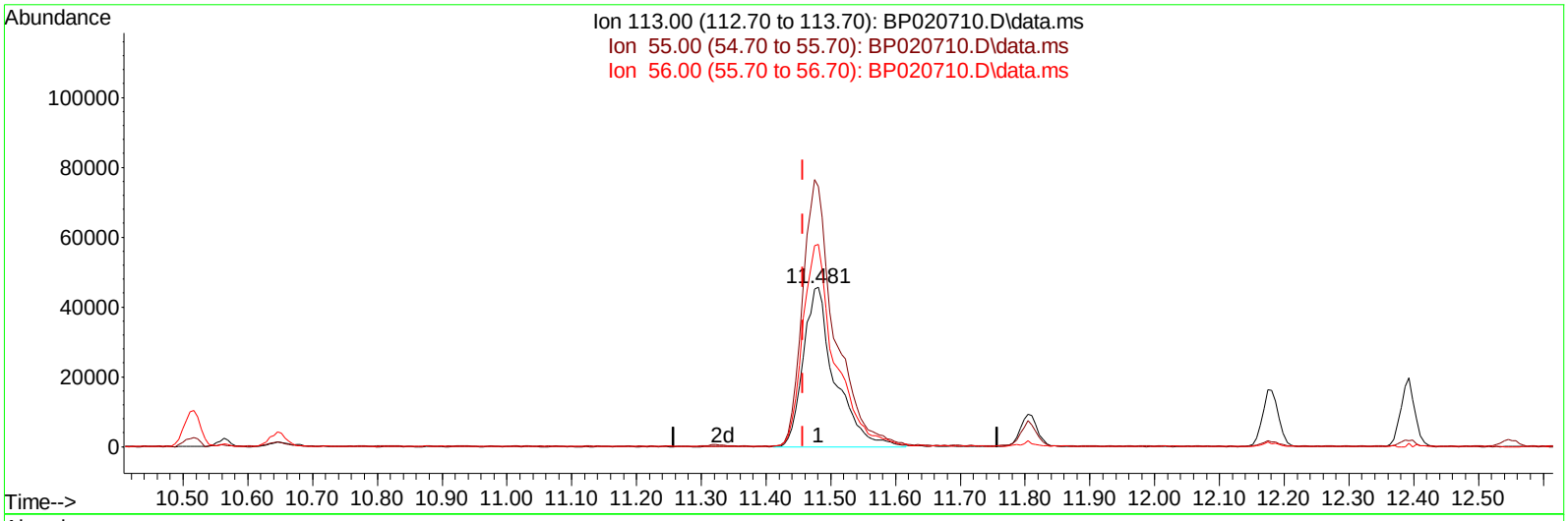

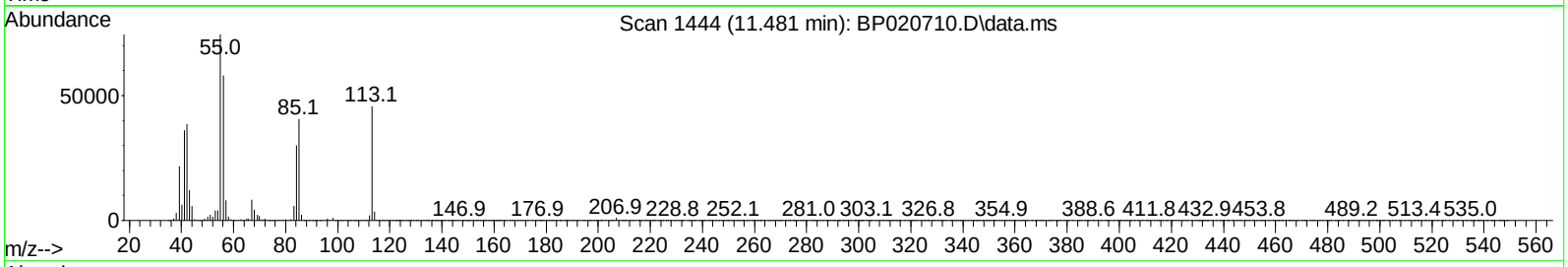

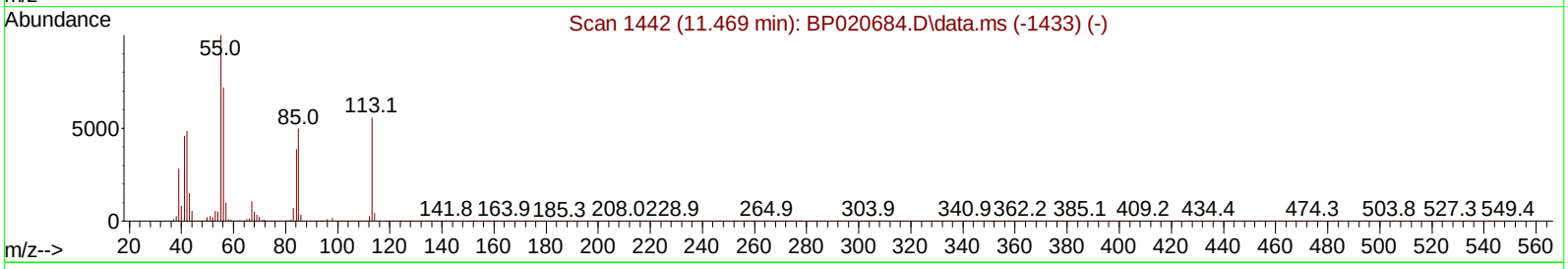

TIC: BP020710.D\data.ms

(34) Caprolactam

11.481min (+ 0.024) 21.65 ng/ul m

response 155049

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.50	163.28
56.00	140.50	127.14
0.00	0.00	0.00

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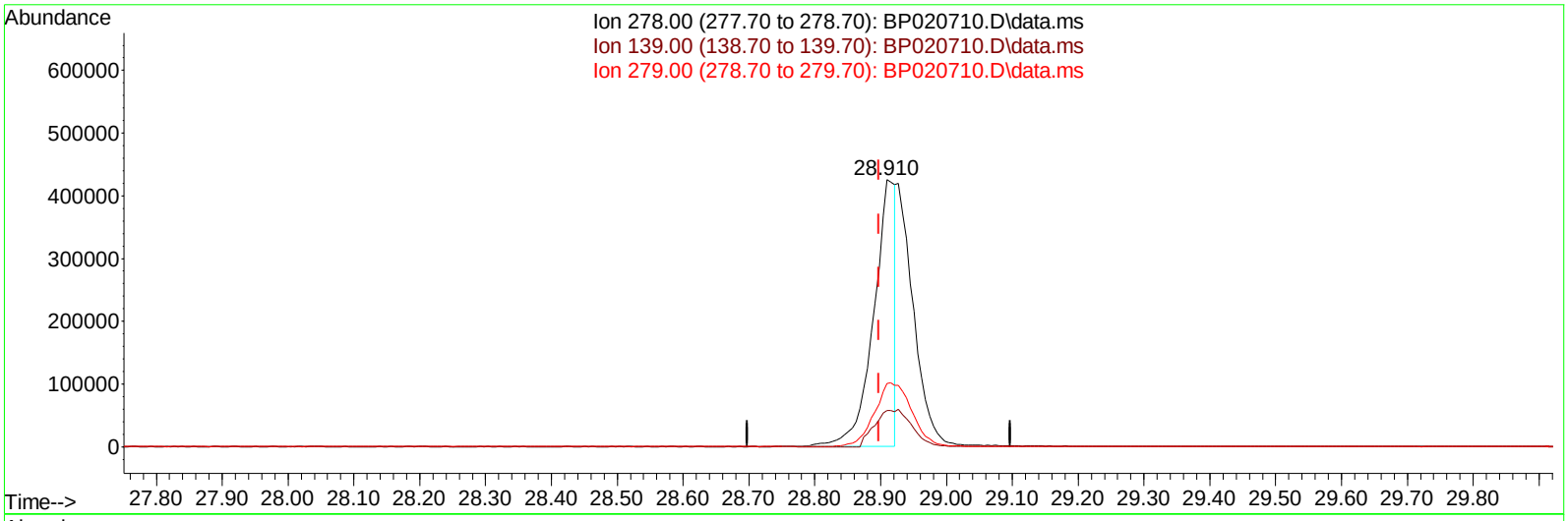

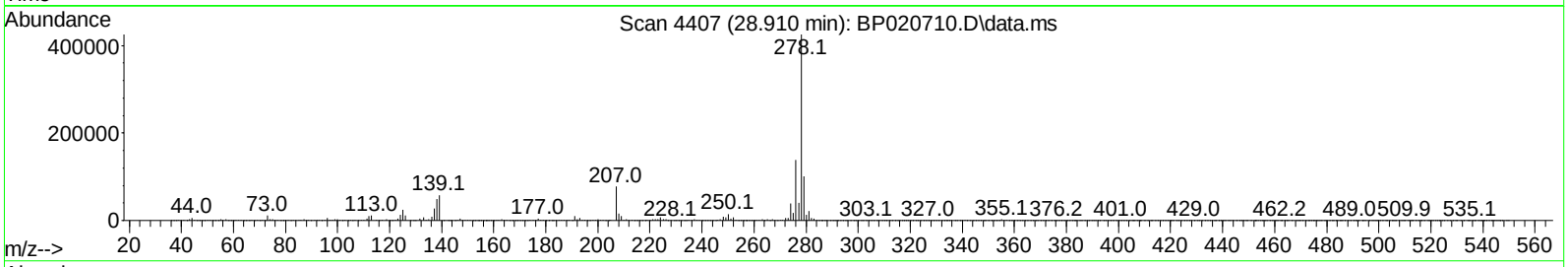

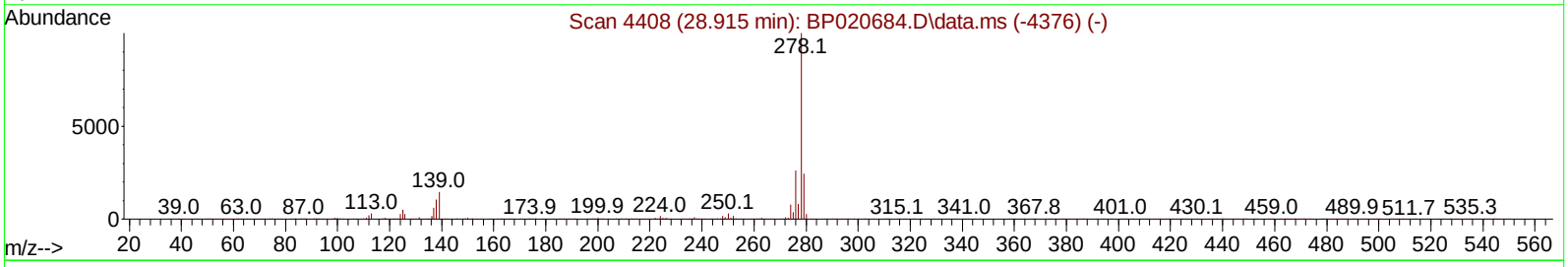

TIC: BP020710.D\data.ms

(95) Dibenzo(a,h)anthracene

28.910min (+ 0.012) 10.82 ng/ul

response 982493

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.90	13.68
279.00	23.40	23.75
0.00	0.00	0.00

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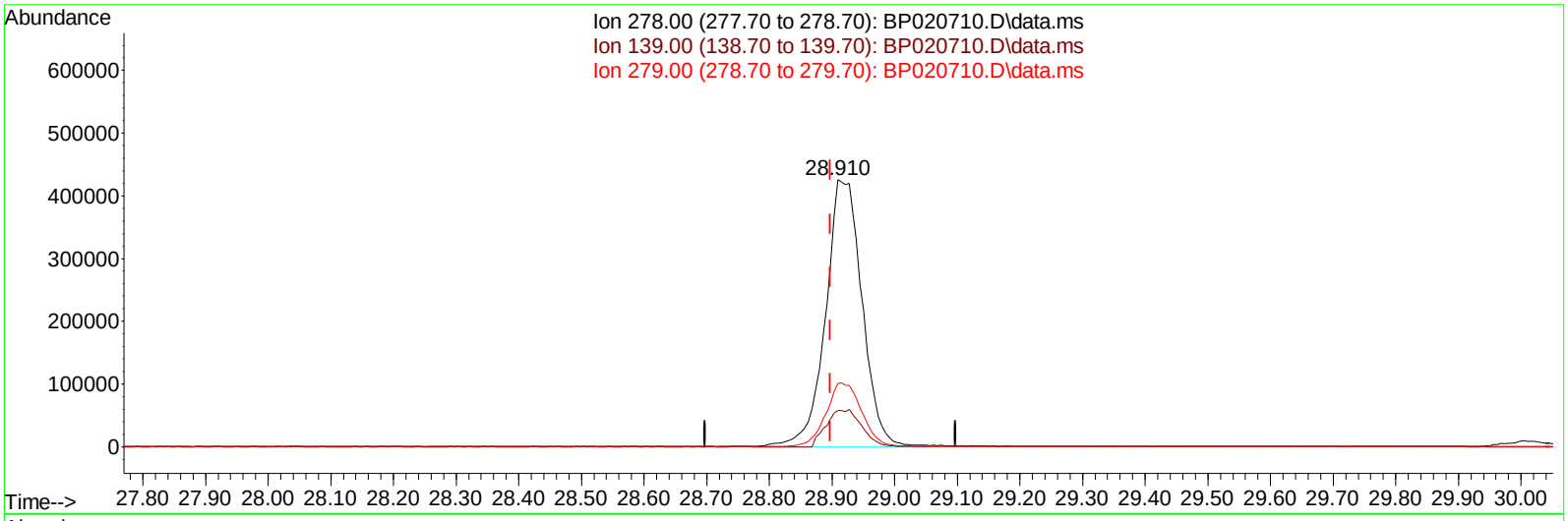

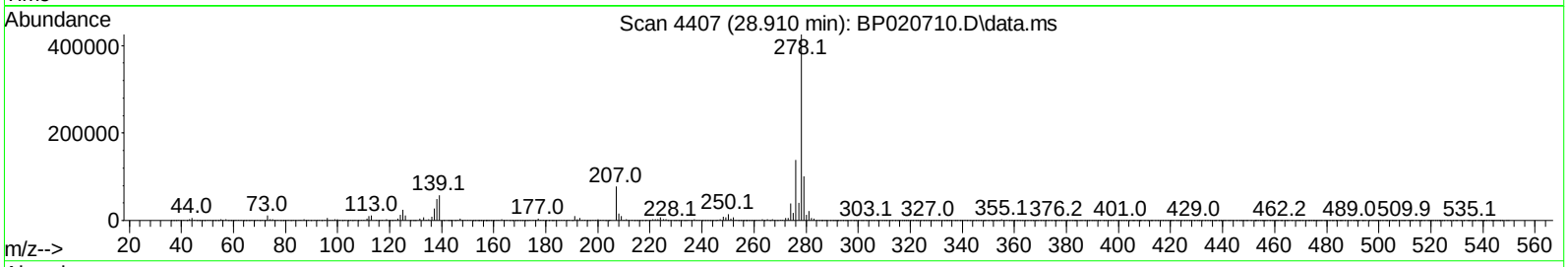

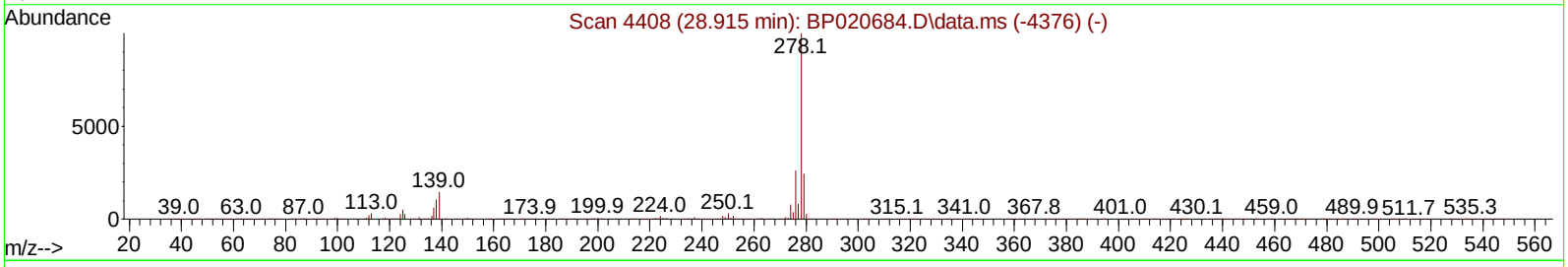

TIC: BP020710.D\data.ms

(95) Dibenzo(a,h)anthracene

28.910min (+ 0.012) 18.96 ng/ul m

response 1721190

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.90	13.68
279.00	23.40	23.75
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/29/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	391705	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.516	136	1562182	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.387	164	1008909	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.187	188	2006958	20.000	ng/ul	0.00
79) Chrysene-d12	21.645	240	1285133	20.000	ng/ul	0.00
88) Perylene-d12	25.021	264	1505777	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	62539	6.856	ng/uL	0.00
4) Pyridine-d5	3.681	84	480588	18.077	ng/ul	0.00
7) Phenol-d5	6.922	99	600621	18.695	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	357997	17.577	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.281	132	508939	19.383	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	488403	18.718	ng/ul	0.00
21) Nitrobenzene-d5	8.887	128	247079	21.423	ng/ul	0.00
24) 2-Nitrophenol-d4	9.599	143	278732	24.150	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	508265	21.378	ng/ul	0.00
31) 4-Chloroaniline-d4	10.646	131	673133	20.203	ng/ul	0.00
46) Dimethylphthalate-d6	13.787	166	1446496	20.620	ng/ul	0.00
49) Acenaphthylene-d8	14.075	160	1671208	19.966	ng/ul	0.01
54) 4-Nitrophenol-d4	14.604	143	226024	21.088	ng/ul	0.01
60) Fluorene-d10	15.393	176	1219118	20.653	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.528	200	217390	21.494	ng/ul	0.02
73) Anthracene-d10	17.292	188	1764572	19.591	ng/ul	0.01
81) Pyrene-d10	19.675	212	1698185	21.996	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.780	264	1448318	19.773	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	67210	6.584	ng/uL	97
5) Pyridine	3.699	79	490250	17.803	ng/ul	99
6) Benzaldehyde	6.899	77	371223	22.849	ng/ul	96
8) Phenol	6.946	94	608531	18.574	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.175	93	492229	18.147	ng/ul	96
12) 2-Chlorophenol	7.311	128	503656	19.081	ng/ul	97
13) 2-Methylphenol	8.175	108	464972	18.498	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.258	45	702775	17.049	ng/ul	98
16) Acetophenone	8.552	105	770252	18.485	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.534	70	382070	17.250	ng/ul	99
18) 4-Methylphenol	8.499	108	501523	18.849	ng/ul	98
19) Hexachloroethane	8.799	117	218047	19.029	ng/ul	89
22) Nitrobenzene	8.928	77	576451	19.280	ng/ul	98
23) Isophorone	9.452	82	1104026	18.636	ng/ul	98
25) 2-Nitrophenol	9.634	139	291086	23.353	ng/ul	93
26) 2,4-Dimethylphenol	9.693	107	542057	18.672	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.928	93	665164	18.874	ng/ul	98
29) 2,4-Dichlorophenol	10.163	162	489843	20.816	ng/ul	97
30) Naphthalene	10.563	128	1610239	19.258	ng/ul	100
32) 4-Chloroaniline	10.675	127	642193	20.019	ng/ul	100
33) Hexachlorobutadiene	10.840	225	358605	20.383	ng/ul	96
34) Caprolactam	11.481	113	155049m	21.651	ng/ul	
35) 4-Chloro-3-methylphenol	11.805	107	542101	20.864	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.175	142	1105296	19.734	ng/ul	99
37) 1-Methylnaphthalene	12.393	142	1134168	19.808	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.552	216	660489	20.476	ng/ul	98
40) Hexachlorocyclopentadiene	12.522	237	294011	14.644	ng/ul	98
41) 2,4,6-Trichlorophenol	12.793	196	416747	21.657	ng/ul	99
42) 2,4,5-Trichlorophenol	12.869	196	450011	22.548	ng/ul	97
43) 1,1'-Biphenyl	13.204	154	1443355	19.129	ng/ul	98
44) 2-Chloronaphthalene	13.246	162	1176396	19.795	ng/ul	99
45) 2-Nitroaniline	13.457	65	336020	22.448	ng/ul	94
47) Dimethylphthalate	13.834	163	1464816	20.499	ng/ul	99
48) 2,6-Dinitrotoluene	13.963	165	307166	24.107	ng/ul	94
50) Acenaphthylene	14.104	152	1857893	19.650	ng/ul	100
51) 3-Nitroaniline	14.293	138	293453	24.780	ng/ul	97
52) Acenaphthene	14.446	153	1220689	19.462	ng/ul	100
53) 2,4-Dinitrophenol	14.510	184	137238	20.765	ng/ul	97
55) 4-Nitrophenol	14.616	109	192022	20.020	ng/ul	99
56) Dibenzofuran	14.787	168	1693232	20.034	ng/ul	99
57) 2,4-Dinitrotoluene	14.769	165	431235	24.519	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.016	232	382871	23.227	ng/ul	96
59) Diethylphthalate	15.228	149	1477590	20.963	ng/ul	99
61) Fluorene	15.457	166	1353357	19.930	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.451	204	727393	20.527	ng/ul	97
63) 4-Nitroaniline	15.481	138	294759	26.226	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.540	198	228273	21.070	ng/ul#	94
67) N-Nitrosodiphenylamine	15.663	169	1167866	19.732	ng/ul	99
68) 4-Bromophenyl-phenylether	16.363	248	464633	20.756	ng/ul	95
69) Hexachlorobenzene	16.469	284	516267	20.602	ng/ul	94
70) Atrazine	16.657	200	450663	21.598	ng/ul	99
71) Pentachlorophenol	16.822	266	299899	20.787	ng/ul	96
72) Phenanthrene	17.234	178	2037359	19.386	ng/ul	100
74) Anthracene	17.328	178	2079661	19.238	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.152	216	637681	19.574	ng/uL	99
76) Pentachlorobenzene	14.710	250	630429	20.304	ng/uL	99
77) Carbazole	17.616	167	1709833	19.165	ng/ul	100
78) Di-n-butylphthalate	18.198	149	2448515	21.130	ng/ul	100
80) Fluoranthene	19.322	202	2030129	21.527	ng/ul	100
82) Pyrene	19.704	202	2004964	20.730	ng/ul	99
83) Butylbenzylphthalate	20.651	149	910427	25.350	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.545	252	547394	19.265	ng/ul	99
85) Benzo(a)anthracene	21.628	228	1743343	19.354	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.557	149	1325797	23.776	ng/ul#	98
87) Chrysene	21.692	228	1643098	19.298	ng/ul	99
89) Di-n-octyl phthalate	22.845	149	1990579	20.592	ng/ul	100
90) Benzo(b)fluoranthene	23.945	252	1734115	19.010	ng/ul	98
91) Benzo(k)fluoranthene	24.016	252	1747040	18.933	ng/ul	99
93) Benzo(a)pyrene	24.863	252	1658544	19.260	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.845	276	2073348	18.771	ng/ul	98
95) Dibenzo(a,h)anthracene	28.910	278	1721190m	18.960	ng/ul	
96) Benzo(g,h,i)perylene	30.004	276	1670766	18.527	ng/ul	97

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

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