Quantitation Report (Qedit)

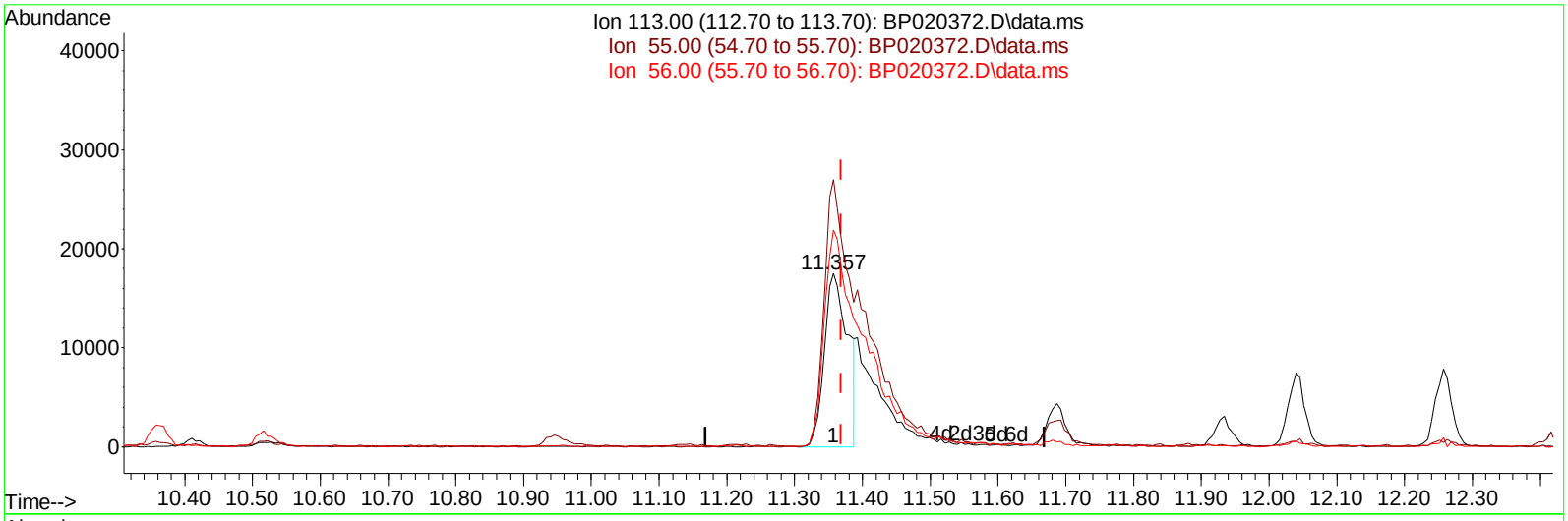
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
Data File : BP020372.D
Acq On : 14 May 2024 18:23
Operator : MA/JU
Sample : P2372-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

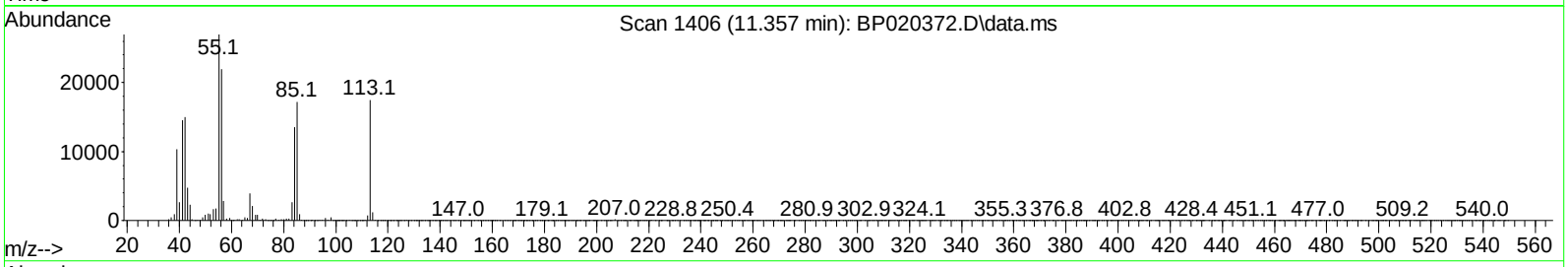
Quant Time: May 15 00:00:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 14 23:58:44 2024
Response via : Initial Calibration

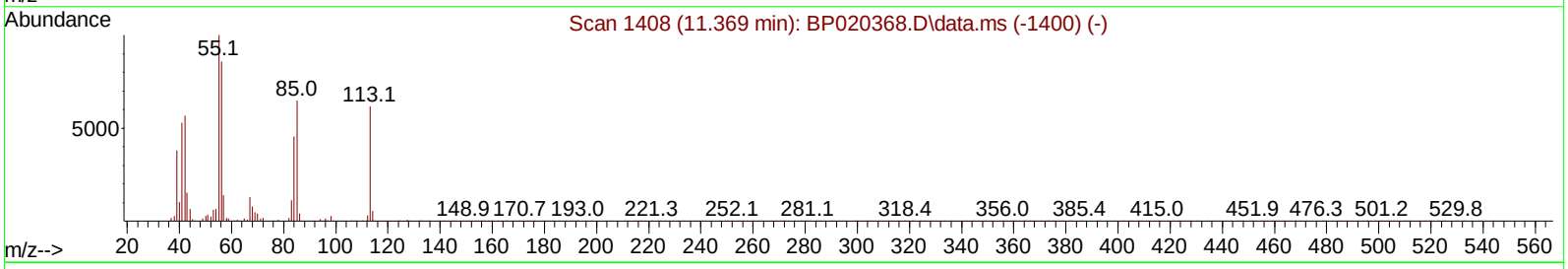
Instrument :
BNA_P
ClientSampleId :
A43R1MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024







TIC: BP020372.D\data.ms

(34) Caprolactam

11.357min (-0.012) 25.22 ng/ul

response 41825

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.80	154.07
56.00	131.80	125.14
0.00	0.00	0.00

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Operator : MA/JU
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Misc :
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Manual IntegrationsAPPROVED

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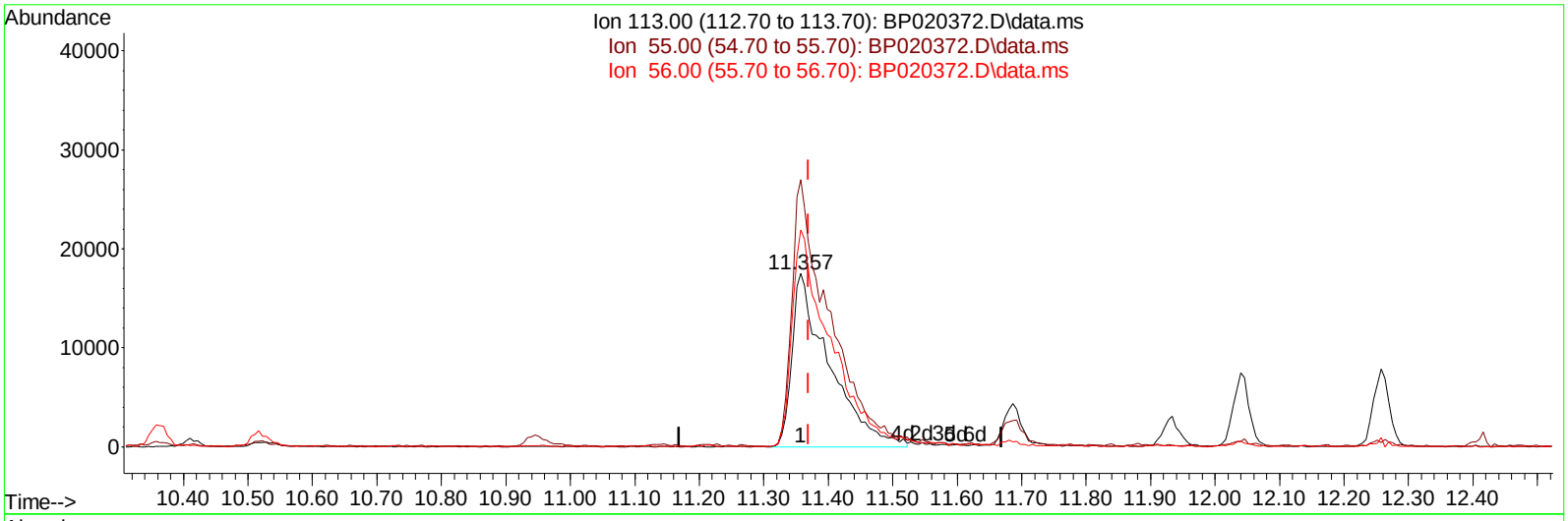

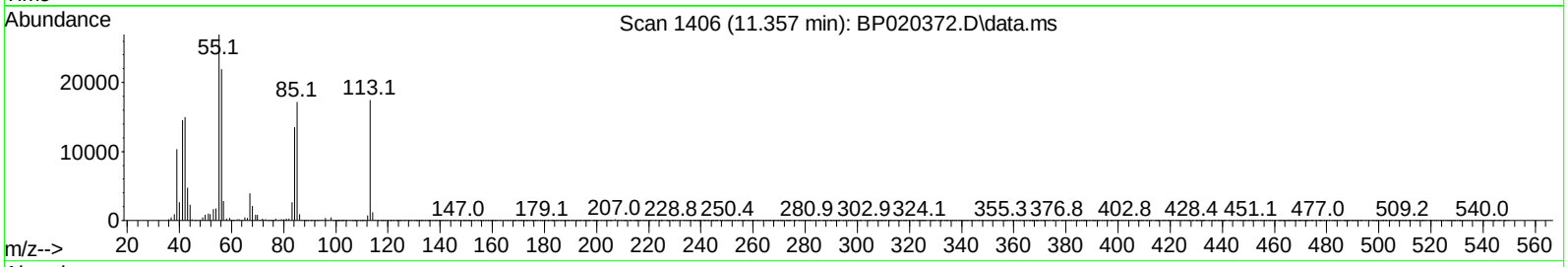

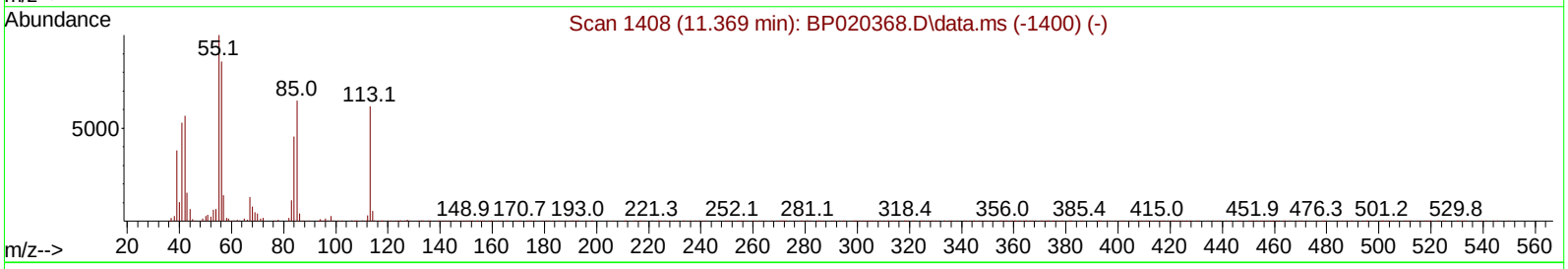

TIC: BP020372.D\data.ms

(34) Caprolactam

11.357min (-0.012) 42.30 ng/ul m

response 70149

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.80	154.07
56.00	131.80	125.14
0.00	0.00	0.00

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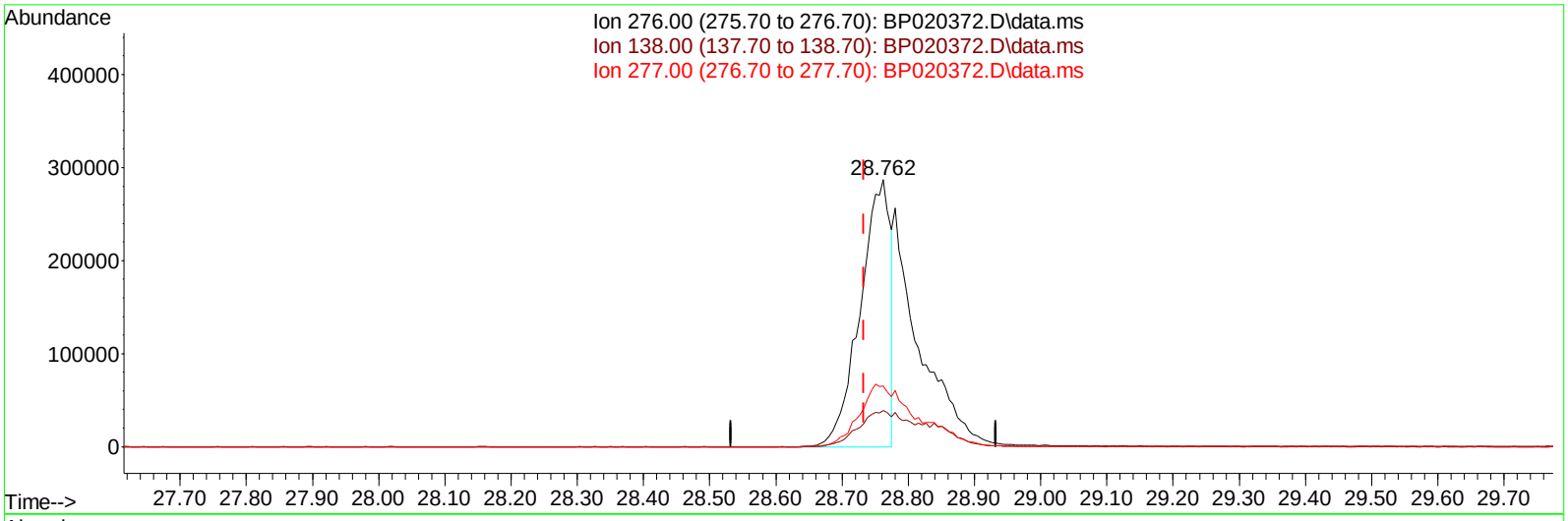

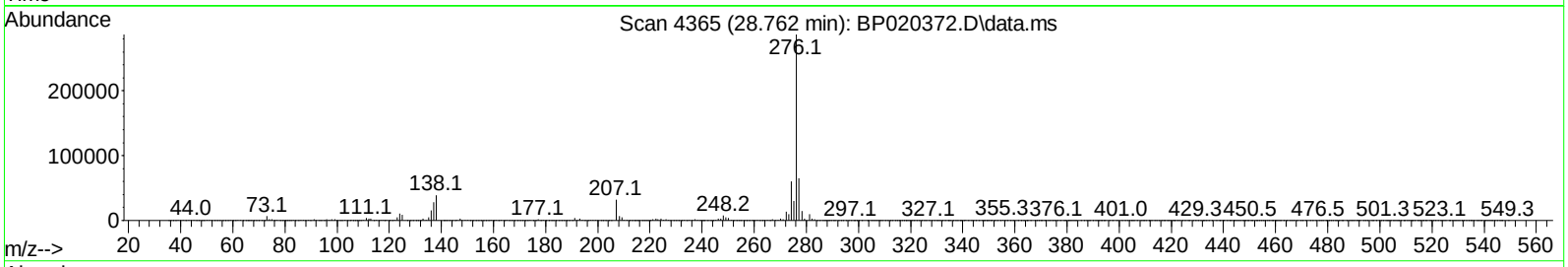

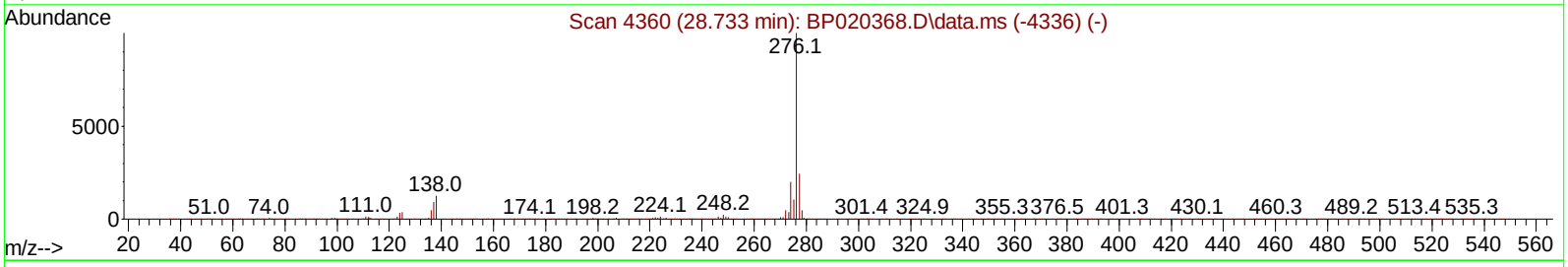

TIC: BP020372.D\data.ms

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

28.762min (+ 0.029) 22.24 ng/ul

response 898518

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	13.65
277.00	23.70	22.80
0.00	0.00	0.00

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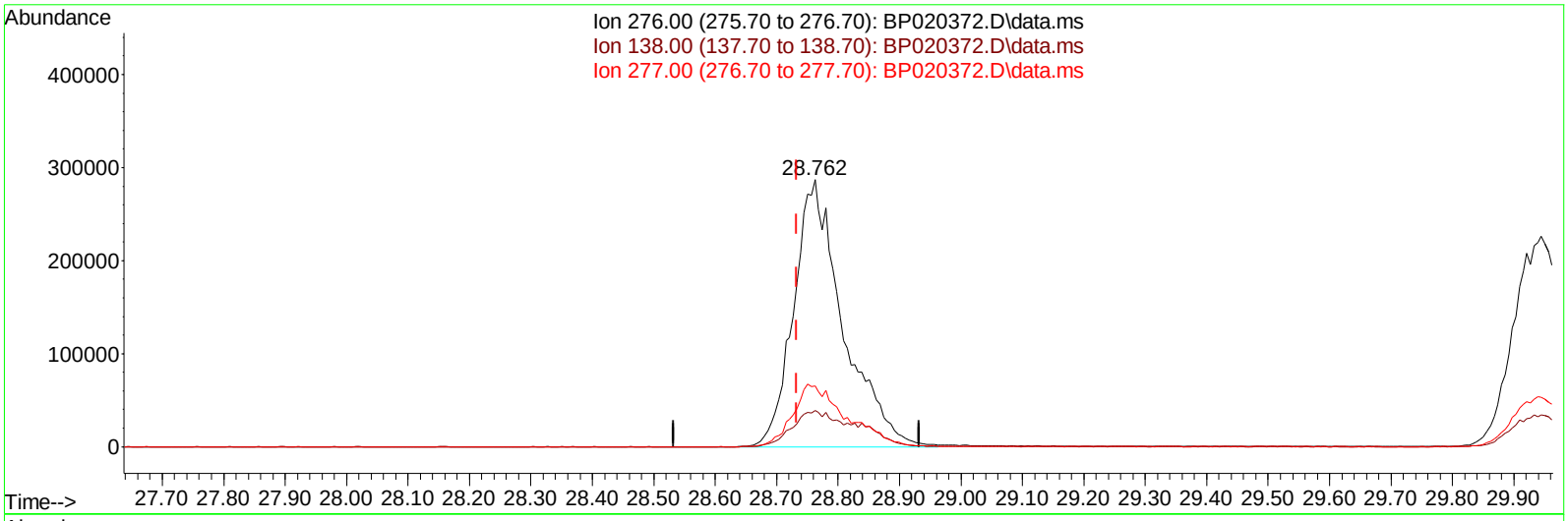

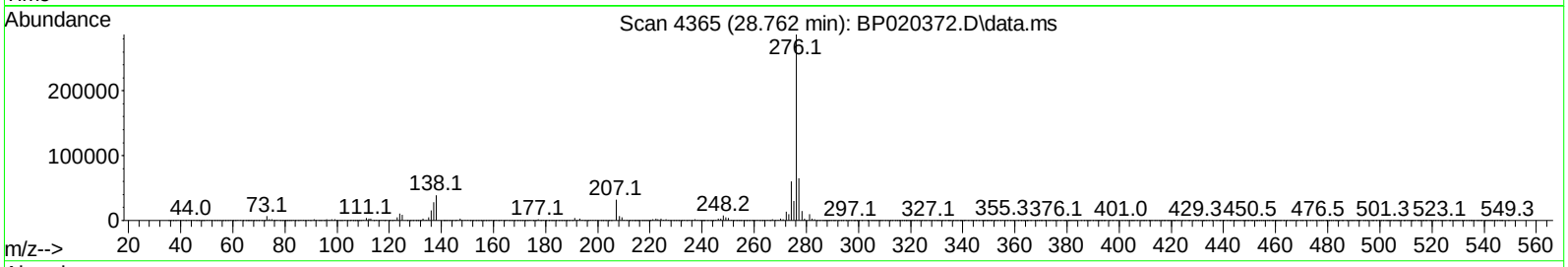

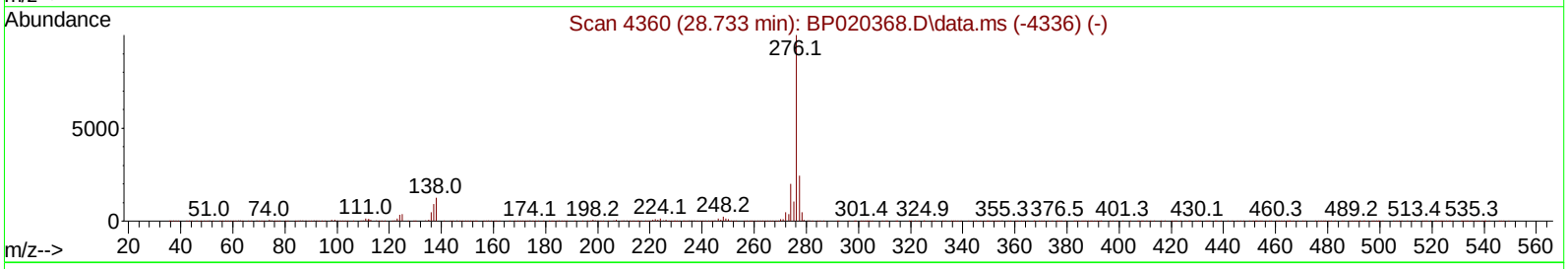

TIC: BP020372.D\data.ms

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

28.762min (+ 0.029) 39.63 ng/ul m

response 1601217

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	13.65
277.00	23.70	22.80
0.00	0.00	0.00

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Acq On : 14 May 2024 18:23
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Sample : P2372-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 15 00:15:16 2024
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	73276	20.000	ng/ul	0.00
20) Naphthalene-d8	10.363	136	312039	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.269	164	230169	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.122	188	517640	20.000	ng/ul	0.01
79) Chrysene-d12	21.604	240	515812	20.000	ng/ul	0.00
88) Perylene-d12	24.957	264	582338	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	10689	6.161	ng/uL	0.00
4) Pyridine-d5	3.593	84	150838	29.920	ng/ul	0.00
7) Phenol-d5	6.781	99	202253	32.140	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	125093	32.724	ng/ul	0.00
11) 2-Chlorophenol-d4	7.128	132	163227	36.284	ng/ul	0.00
15) 4-Methylphenol-d8	8.299	113	156500	30.761	ng/ul	-0.01
21) Nitrobenzene-d5	8.752	128	84363	36.104	ng/ul	0.00
24) 2-Nitrophenol-d4	9.463	143	97317	36.369	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	184549	37.795	ng/ul	0.00
31) 4-Chloroaniline-d4	10.516	131	219661	32.142	ng/ul	-0.01
46) Dimethylphthalate-d6	13.687	166	618358	36.789	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	671405	36.160	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	67685	26.201	ng/ul	-0.01
60) Fluorene-d10	15.292	176	508978	36.305	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	94521	28.775	ng/ul	0.00
73) Anthracene-d10	17.222	188	828597	37.002	ng/ul	0.00
81) Pyrene-d10	19.622	212	1051106	34.860	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.721	264	1044178	37.084	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	27641	14.039	ng/uL	94
5) Pyridine	3.611	79	181969	35.686	ng/ul	94
6) Benzaldehyde	6.763	77	142838	45.158	ng/ul	97
8) Phenol	6.810	94	242231	37.295	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.040	93	179909	35.398	ng/ul	97
12) 2-Chlorophenol	7.163	128	183863	39.146	ng/ul	93
13) 2-Methylphenol	8.034	108	183467	37.869	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.116	45	210619	33.221	ng/ul	97
16) Acetophenone	8.416	105	315389	37.351	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.399	70	169000	36.882	ng/ul	96
18) 4-Methylphenol	8.363	108	207045	39.318	ng/ul	99
19) Hexachloroethane	8.634	117	78851	36.711	ng/ul	90
22) Nitrobenzene	8.793	77	242153	36.100	ng/ul	99
23) Isophorone	9.310	82	474344	36.776	ng/ul	99
25) 2-Nitrophenol	9.493	139	113373	40.904	ng/ul	92
26) 2,4-Dimethylphenol	9.552	107	236585	39.125	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.793	93	260301	36.403	ng/ul	100
29) 2,4-Dichlorophenol	10.022	162	200677	42.251	ng/ul	98
30) Naphthalene	10.410	128	612492	38.082	ng/ul	99
32) 4-Chloroaniline	10.540	127	226389	33.876	ng/ul	100
33) Hexachlorobutadiene	10.669	225	143313	38.848	ng/ul	99
34) Caprolactam	11.357	113	70149m	42.299	ng/ul	
35) 4-Chloro-3-methylphenol	11.687	107	243407	41.160	ng/ul	99

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A43R1MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.040	142	443178	39.602	ng/ul	94
37) 1-Methylnaphthalene	12.257	142	452820	40.210	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.416	216	286512	39.913	ng/ul	98
40) Hexachlorocyclopentadiene	12.369	237	106750	27.344	ng/ul	95
41) 2,4,6-Trichlorophenol	12.675	196	185208	41.142	ng/ul	99
42) 2,4,5-Trichlorophenol	12.757	196	200184	41.326	ng/ul	94
43) 1,1'-Biphenyl	13.081	154	617572	37.935	ng/ul	98
44) 2-Chloronaphthalene	13.122	162	482189	37.327	ng/ul	99
45) 2-Nitroaniline	13.357	65	169127	39.470	ng/ul	96
47) Dimethylphthalate	13.740	163	662545	39.024	ng/ul	99
48) 2,6-Dinitrotoluene	13.875	165	138256	40.963	ng/ul	98
50) Acenaphthylene	13.987	152	778378	37.271	ng/ul	99
51) 3-Nitroaniline	14.216	138	124027	39.399	ng/ul	99
52) Acenaphthene	14.334	153	525307	37.430	ng/ul	98
53) 2,4-Dinitrophenol	14.445	184	81519	39.349	ng/ul	92
55) 4-Nitrophenol	14.551	109	124971	46.465	ng/ul	93
56) Dibenzofuran	14.687	168	760257	39.387	ng/ul	98
57) 2,4-Dinitrotoluene	14.692	165	206567	42.569	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.922	232	187403	43.082	ng/ul	93
59) Diethylphthalate	15.139	149	678370	40.027	ng/ul	100
61) Fluorene	15.351	166	639997	39.905	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.357	204	347612	40.854	ng/ul	94
63) 4-Nitroaniline	15.422	138	121506	46.316	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.475	198	138455	40.423	ng/ul	97
67) N-Nitrosodiphenylamine	15.581	169	554655	38.483	ng/ul	99
68) 4-Bromophenyl-phenylether	16.281	248	221942	39.583	ng/ul	96
69) Hexachlorobenzene	16.386	284	259981	40.033	ng/ul	96
70) Atrazine	16.592	200	220003	43.048	ng/ul	99
71) Pentachlorophenol	16.763	266	157507	40.126	ng/ul	97
72) Phenanthrene	17.169	178	1029161	38.968	ng/ul	99
74) Anthracene	17.257	178	1019240	37.943	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.040	216	277729	36.100	ng/uL	98
76) Pentachlorobenzene	14.592	250	293220	38.087	ng/uL	99
77) Carbazole	17.563	167	912292	39.423	ng/ul	98
78) Di-n-butylphthalate	18.151	149	1179663	42.056	ng/ul	100
80) Fluoranthene	19.269	202	1276065	35.961	ng/ul	99
82) Pyrene	19.651	202	1357300	36.763	ng/ul	98
83) Butylbenzylphthalate	20.622	149	539973	38.528	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.521	252	375996	35.817	ng/ul	99
85) Benzo(a)anthracene	21.586	228	1358931	38.843	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.533	149	793962	39.269	ng/ul	98
87) Chrysene	21.651	228	1306787	40.301	ng/ul	99
89) Di-n-octyl phthalate	22.821	149	1378574	36.965	ng/ul	100
90) Benzo(b)fluoranthene	23.892	252	1385346	39.992	ng/ul	99
91) Benzo(k)fluoranthene	23.962	252	1311663	37.155	ng/ul	100
93) Benzo(a)pyrene	24.792	252	1142912	34.675	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.762	276	1601217m	39.628	ng/ul	
95) Dibenzo(a,h)anthracene	28.839	278	1261271	37.739	ng/ul	98
96) Benzo(g,h,i)perylene	29.945	276	1230973	37.773	ng/ul	99

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

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Manual IntegrationsAPPROVED

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