Quantitation Report (Qedit)

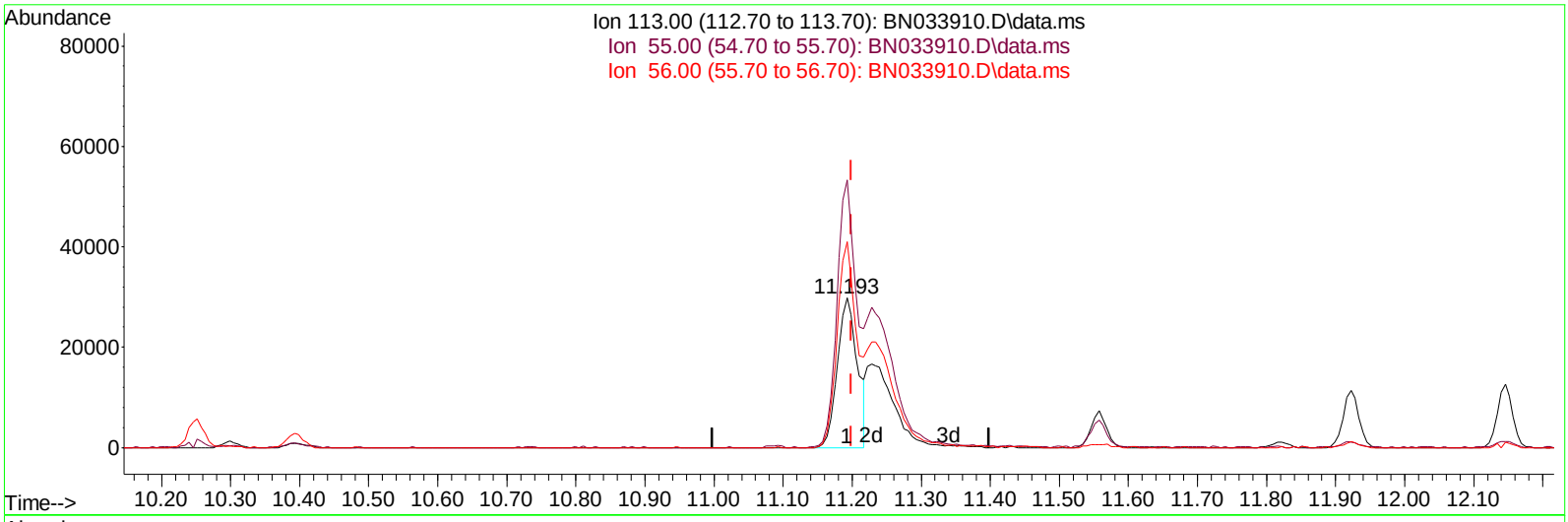
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091324\
Data File : BN033910.D
Acq On : 13 Sep 2024 23:39
Operator : JU/RC
Sample : PB163308BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

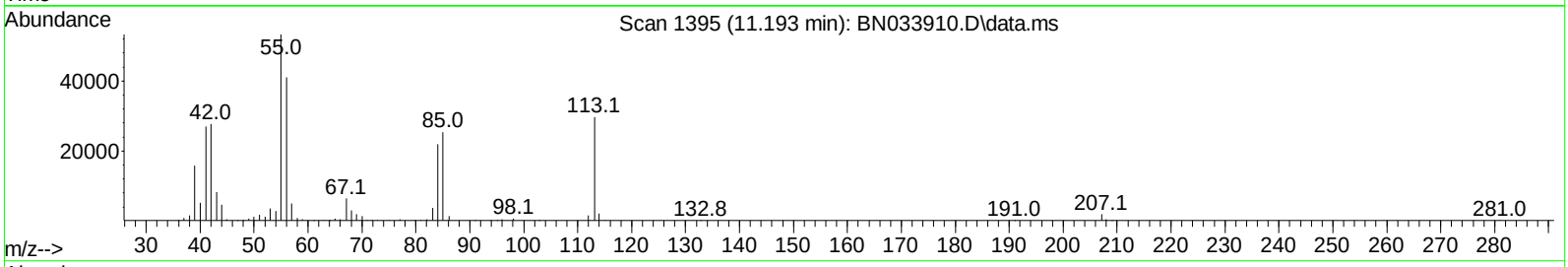
Quant Time: Sep 14 01:45:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 01:58:59 2024
Response via : Initial Calibration

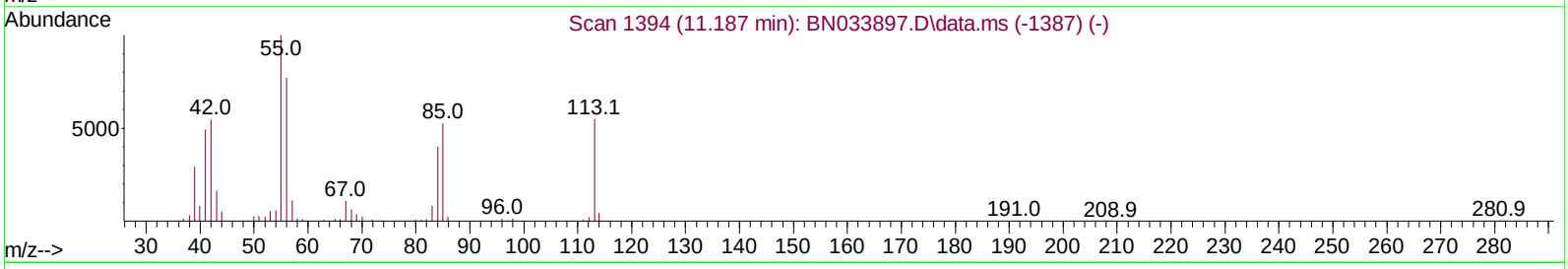
Instrument :
BNA_N
ClientSampleId :
SLCS308

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024







TIC: BN033910.D\data.ms

(34) Caprolactam

11.193min (-0.006) 12.92 ng/ul

response 59891

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	178.91
56.00	124.60	137.61
0.00	0.00	0.00

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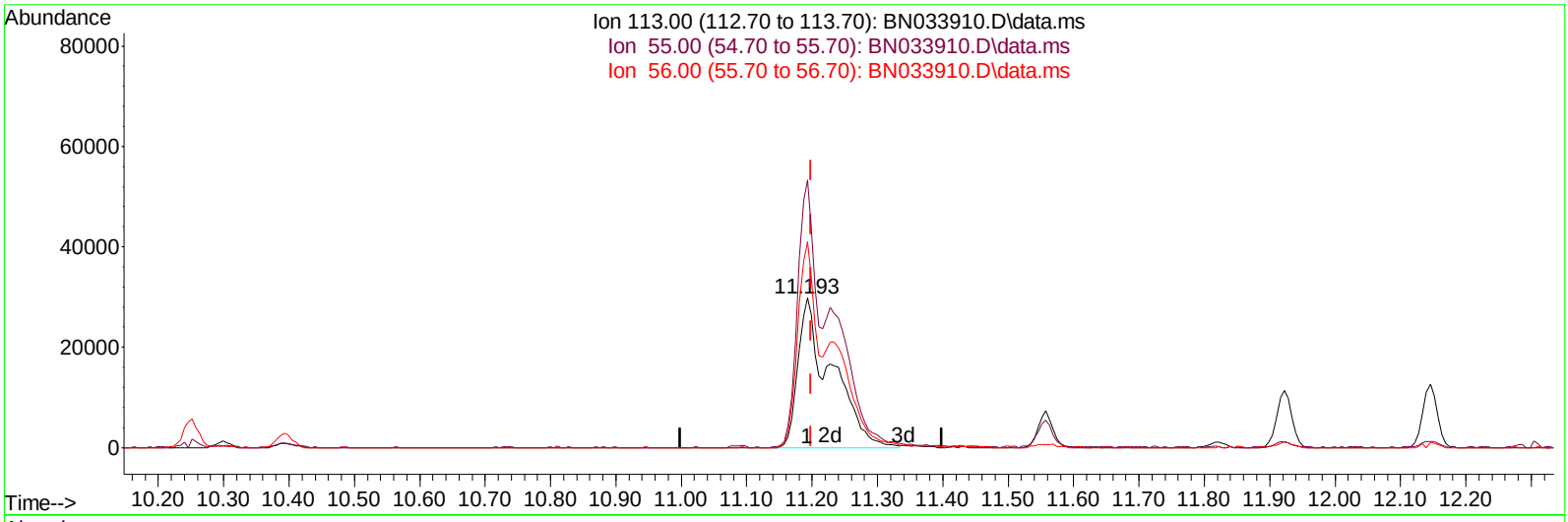

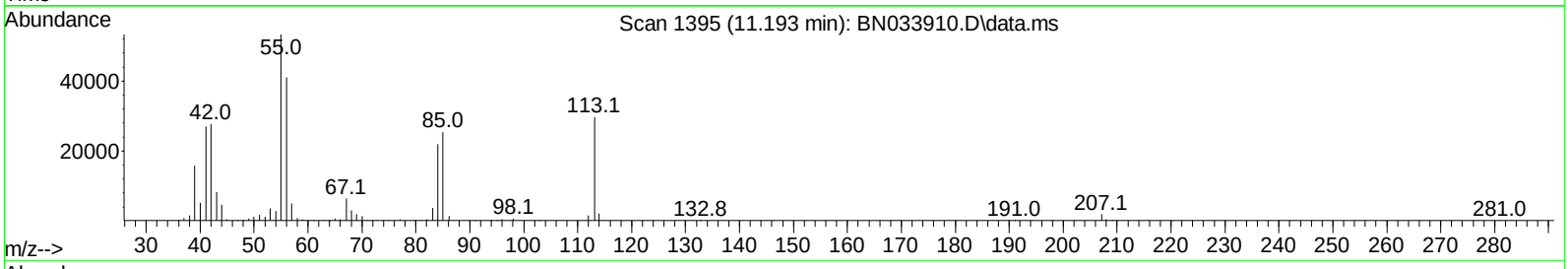

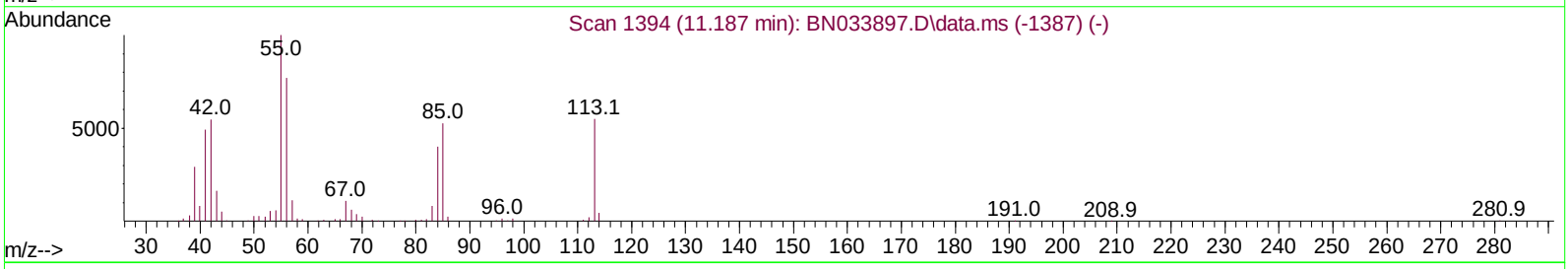

TIC: BN033910.D\data.ms

(34) Caprolactam

11.193min (-0.006) 22.78 ng/ul m

response 105638

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	178.91
56.00	124.60	137.61
0.00	0.00	0.00

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ClientSampleId :
SLCS308

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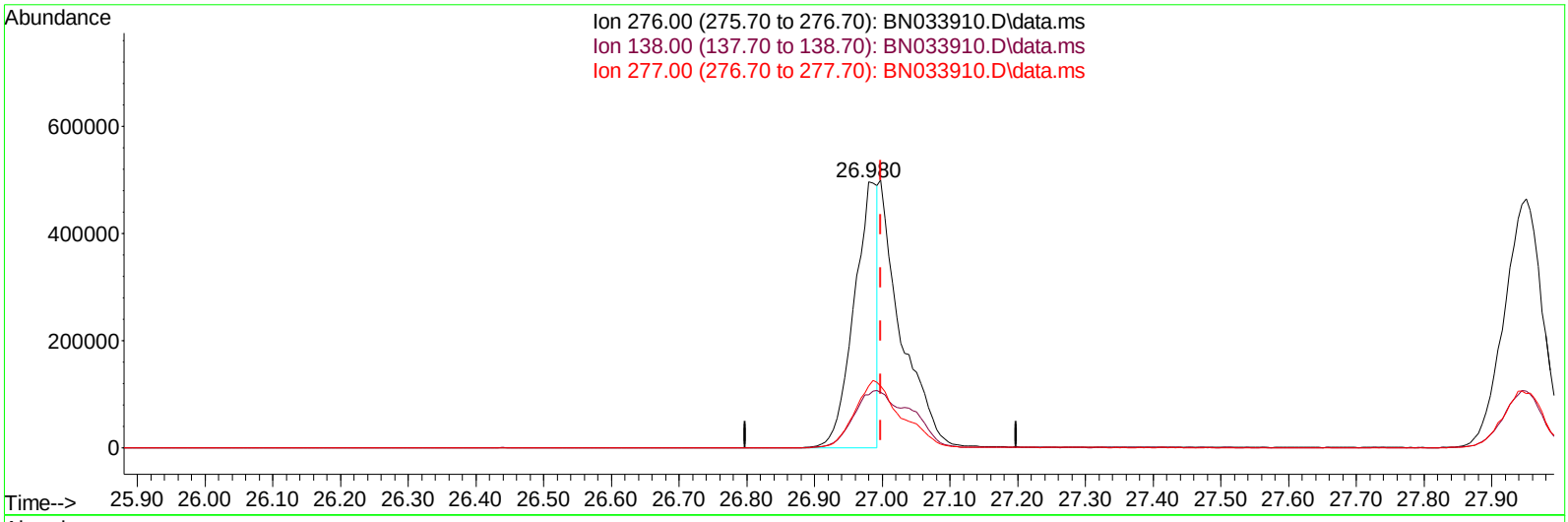

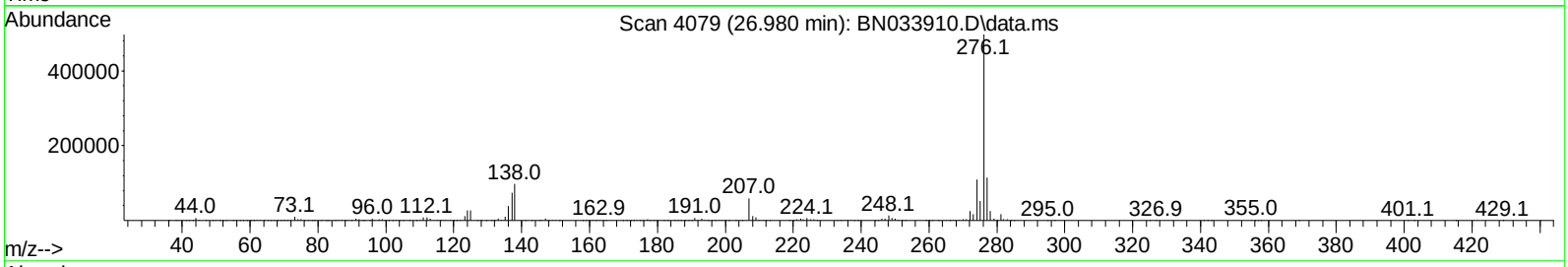

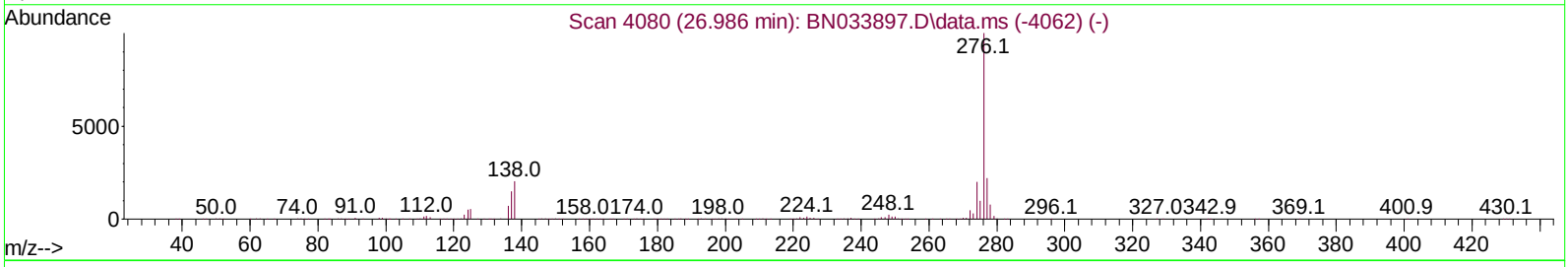

TIC: BN033910.D\data.ms

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

26.980min (-0.017) 14.15 ng/ul

response 1189067

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.10	19.71
277.00	23.00	23.04
0.00	0.00	0.00

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Instrument :
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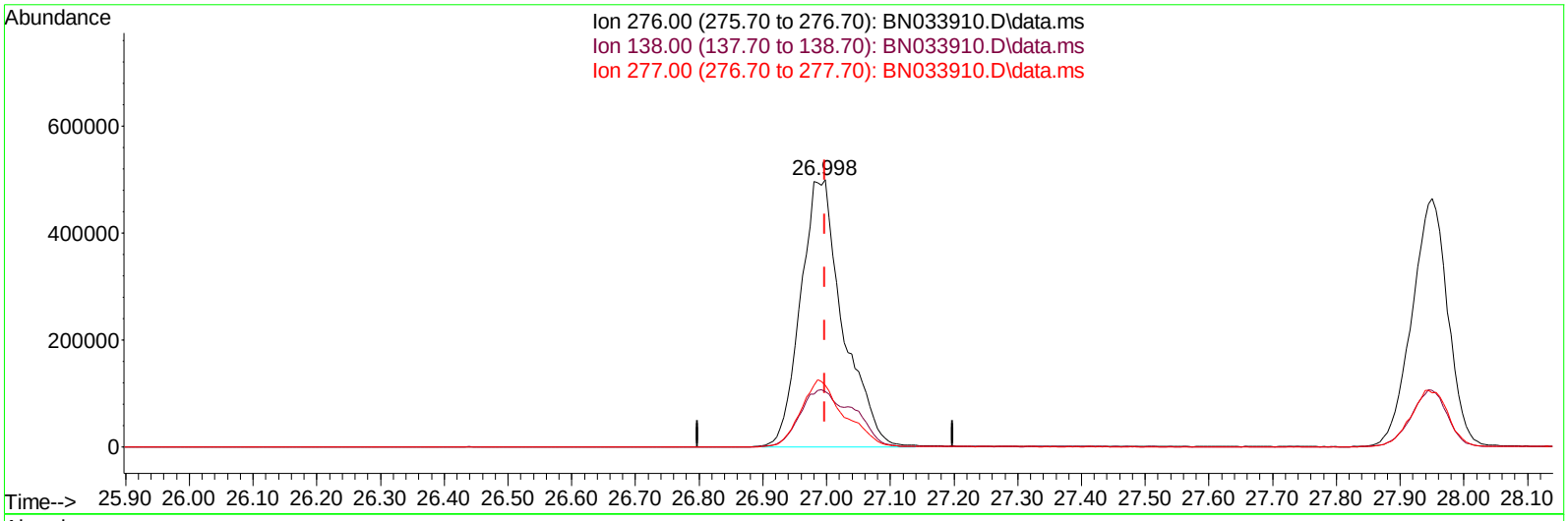

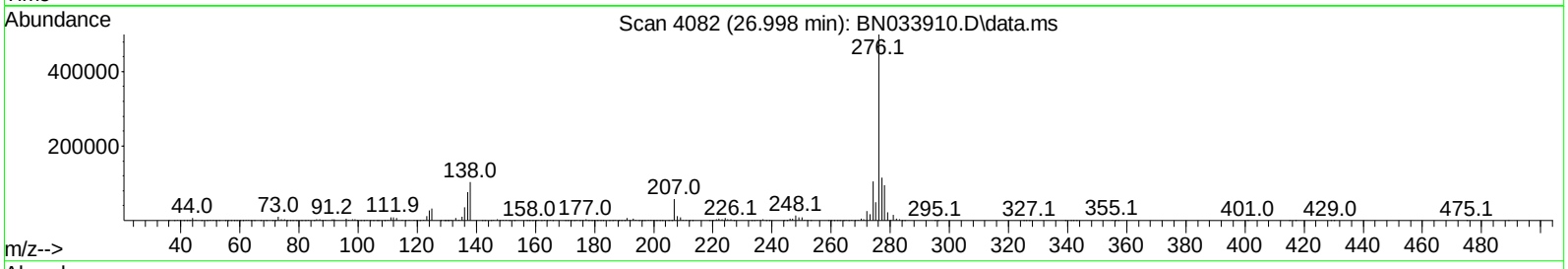

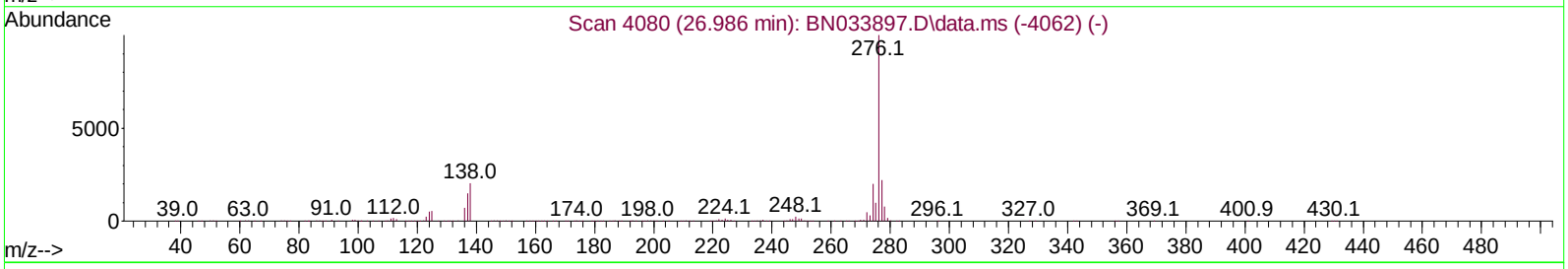

TIC: BN033910.D\data.ms

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

26.998min (+ 0.000) 27.26 ng/ul m

response 2290208

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.10	20.56
277.00	23.00	22.99
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : JU/RC
Sample : PB163308BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Sep 14 01:47:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.493	152	187482	20.000	ng/ul	0.00
20) Naphthalene-d8	10.252	136	745159	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.134	164	469964	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.892	188	986834	20.000	ng/ul	0.00
79) Chrysene-d12	21.127	240	999104	20.000	ng/ul	0.00
88) Perylene-d12	23.904	264	1177451	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.111	96	29385	6.396	ng/uL	0.00
4) Pyridine-d5	3.493	84	332580	24.354	ng/ul	-0.01
7) Phenol-d5	6.687	99	407213	24.473	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.840	67	251152	24.328	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.034	132	331550	25.314	ng/ul	0.00
15) 4-Methylphenol-d8	8.205	113	320775	23.430	ng/ul	0.00
21) Nitrobenzene-d5	8.634	128	161219	27.144	ng/ul	0.00
24) 2-Nitrophenol-d4	9.346	143	169873	27.814	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.881	165	305054	26.521	ng/ul	0.00
31) 4-Chloroaniline-d4	10.393	131	391221	22.467	ng/ul	0.00
46) Dimethylphthalate-d6	13.557	166	911869	25.963	ng/ul	0.00
49) Acenaphthylene-d8	13.822	160	1043648	26.414	ng/ul	0.00
54) 4-Nitrophenol-d4	14.363	143	190285	26.399	ng/ul	0.00
60) Fluorene-d10	15.140	176	770845	25.897	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.263	200	150701	25.613	ng/ul	0.00
73) Anthracene-d10	16.987	188	1209701	26.074	ng/ul	0.00
81) Pyrene-d10	19.298	212	1478744	26.564	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.716	264	1609680	26.614	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.140	88	49952	10.307	ng/uL	99
5) Pyridine	3.511	79	339813	24.317	ng/ul	98
6) Benzaldehyde	6.646	77	196983	22.428	ng/ul	97
8) Phenol	6.711	94	420722	24.286	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.934	93	331344	24.609	ng/ul	99
12) 2-Chlorophenol	7.064	128	350454	26.110	ng/ul	99
13) 2-Methylphenol	7.940	108	308388	23.817	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.016	45	482636	24.306	ng/ul	99
16) Acetophenone	8.305	105	502514	23.170	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.299	70	251408	23.409	ng/ul	99
18) 4-Methylphenol	8.269	108	332788	23.094	ng/ul	97
19) Hexachloroethane	8.552	117	150151	26.523	ng/ul	95
22) Nitrobenzene	8.675	77	397535	26.742	ng/ul	99
23) Isophorone	9.199	82	695150	25.358	ng/ul	100
25) 2-Nitrophenol	9.375	139	185012	27.067	ng/ul	98
26) 2,4-Dimethylphenol	9.452	107	285614	20.310	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.687	93	420663	24.939	ng/ul	98
29) 2,4-Dichlorophenol	9.910	162	301024	25.847	ng/ul	98
30) Naphthalene	10.299	128	1048704	25.729	ng/ul	99
32) 4-Chloroaniline	10.416	127	344989	20.104	ng/ul	99
33) Hexachlorobutadiene	10.593	225	199944	26.760	ng/ul	94
34) Caprolactam	11.193	113	105638m	22.782	ng/ul	
35) 4-Chloro-3-methylphenol	11.557	107	347271	25.328	ng/ul	98

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 09/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.922	142	693300	24.694	ng/ul	97
37) 1-Methylnaphthalene	12.146	142	693908	24.417	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.299	216	355153	26.177	ng/ul	98
40) Hexachlorocyclopentadiene	12.281	237	185244	22.191	ng/ul	100
41) 2,4,6-Trichlorophenol	12.551	196	204282	22.712	ng/ul	95
42) 2,4,5-Trichlorophenol	12.622	196	239012	24.192	ng/ul	98
43) 1,1'-Biphenyl	12.963	154	895022	25.261	ng/ul	99
44) 2-Chloronaphthalene	12.999	162	715261	25.914	ng/ul	98
45) 2-Nitroaniline	13.210	65	242324	27.168	ng/ul	99
47) Dimethylphthalate	13.610	163	915215	25.568	ng/ul	100
48) 2,6-Dinitrotoluene	13.722	165	191507	27.170	ng/ul	97
50) Acenaphthylene	13.851	152	1165056	26.947	ng/ul	99
51) 3-Nitroaniline	14.051	138	209208	26.858	ng/ul	98
52) Acenaphthene	14.198	153	779874	25.266	ng/ul	99
53) 2,4-Dinitrophenol	14.257	184	87787	21.175	ng/ul	93
55) 4-Nitrophenol	14.375	109	163889	26.773	ng/ul	94
56) Dibenzofuran	14.540	168	1068899	25.323	ng/ul	96
57) 2,4-Dinitrotoluene	14.516	165	291190	27.403	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.769	232	170955	20.852	ng/ul	99
59) Diethylphthalate	14.987	149	970461	25.944	ng/ul	100
61) Fluorene	15.193	166	893931	25.889	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.198	204	423082	25.279	ng/ul	96
63) 4-Nitroaniline	15.222	138	237194	29.592	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.281	198	167974	25.708	ng/ul	97
67) N-Nitrosodiphenylamine	15.416	169	762035	25.770	ng/ul	98
68) 4-Bromophenyl-phenylether	16.092	248	263553	26.300	ng/ul	99
69) Hexachlorobenzene	16.198	284	302857	26.039	ng/ul	98
70) Atrazine	16.375	200	4469	0.417	ng/ul	95
71) Pentachlorophenol	16.545	266	129723	16.746	ng/ul	98
72) Phenanthrene	16.934	178	1447117	26.595	ng/ul	99
74) Anthracene	17.022	178	1446026	26.025	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.922	216	358195	26.080	ng/uL	96
76) Pentachlorobenzene	14.457	250	339424	24.272	ng/uL	97
77) Carbazole	17.298	167	1402350	27.422	ng/ul	99
78) Di-n-butylphthalate	17.886	149	1718369	26.433	ng/ul	99
80) Fluoranthene	18.963	202	1754350	26.957	ng/ul	97
82) Pyrene	19.328	202	1835238	26.232	ng/ul	98
83) Butylbenzylphthalate	20.263	149	846661	26.986	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.045	252	598142	26.653	ng/ul	96
85) Benzo(a)anthracene	21.110	228	1916489	26.904	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.069	149	1217304	26.508	ng/ul	98
87) Chrysene	21.169	228	1777970	26.158	ng/ul	94
89) Di-n-octyl phthalate	22.127	149	2175498	27.767	ng/ul	100
90) Benzo(b)fluoranthene	23.033	252	2016792	28.094	ng/ul	98
91) Benzo(k)fluoranthene	23.092	252	1960344	27.681	ng/ul	99
93) Benzo(a)pyrene	23.774	252	1787278	26.355	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.998	276	2290208m	27.256	ng/ul	
95) Dibenzo(a,h)anthracene	27.045	278	1894062	27.886	ng/ul	97
96) Benzo(g,h,i)perylene	27.951	276	1843551	28.262	ng/ul	98

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

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