Quantitation Report (Qedit)

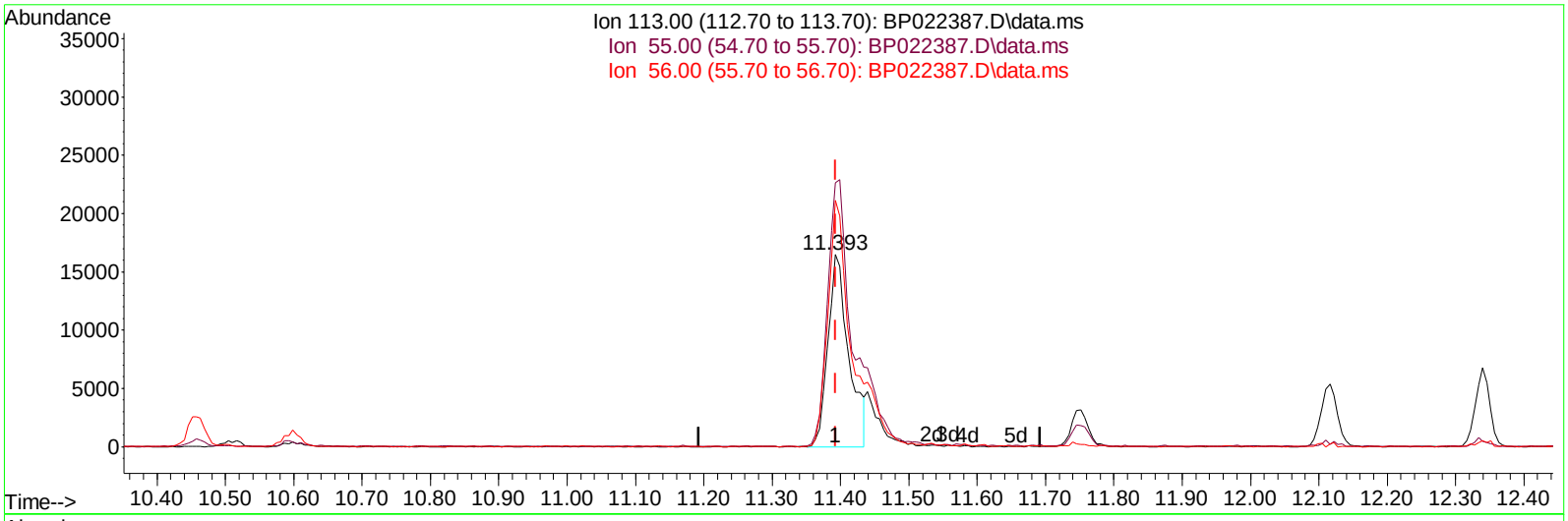
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022387.D
Acq On : 15 Oct 2024 13:05
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 40 Sample Multiplier: 1

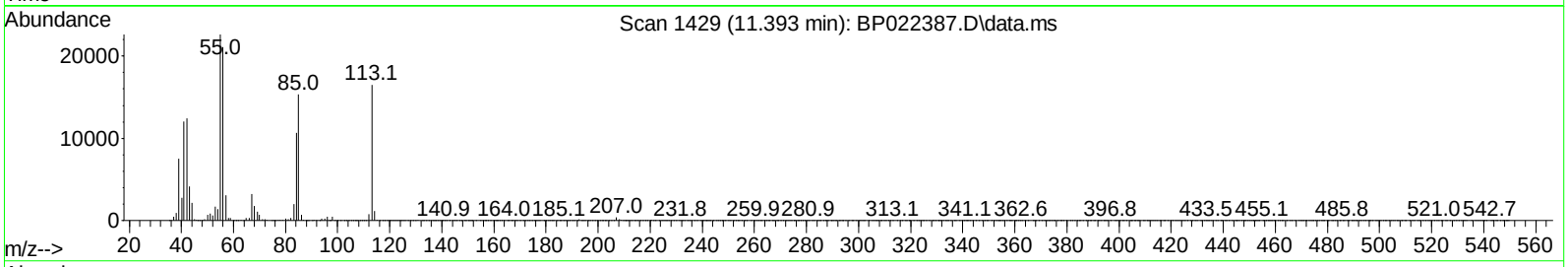
Quant Time: Oct 16 01:29:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 14 11:01:55 2024
Response via : Initial Calibration

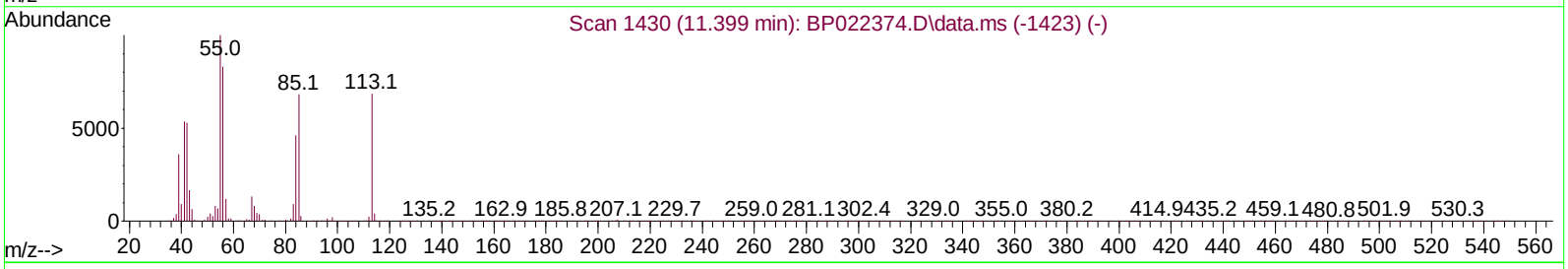
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024







TIC: BP022387.D\data.ms

(34) Caprolactam

11.393min (+ 0.000) 15.79 ng/ul

response 34831

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	137.20
56.00	130.00	128.03
0.00	0.00	0.00

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Misc :
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LabSampleId :
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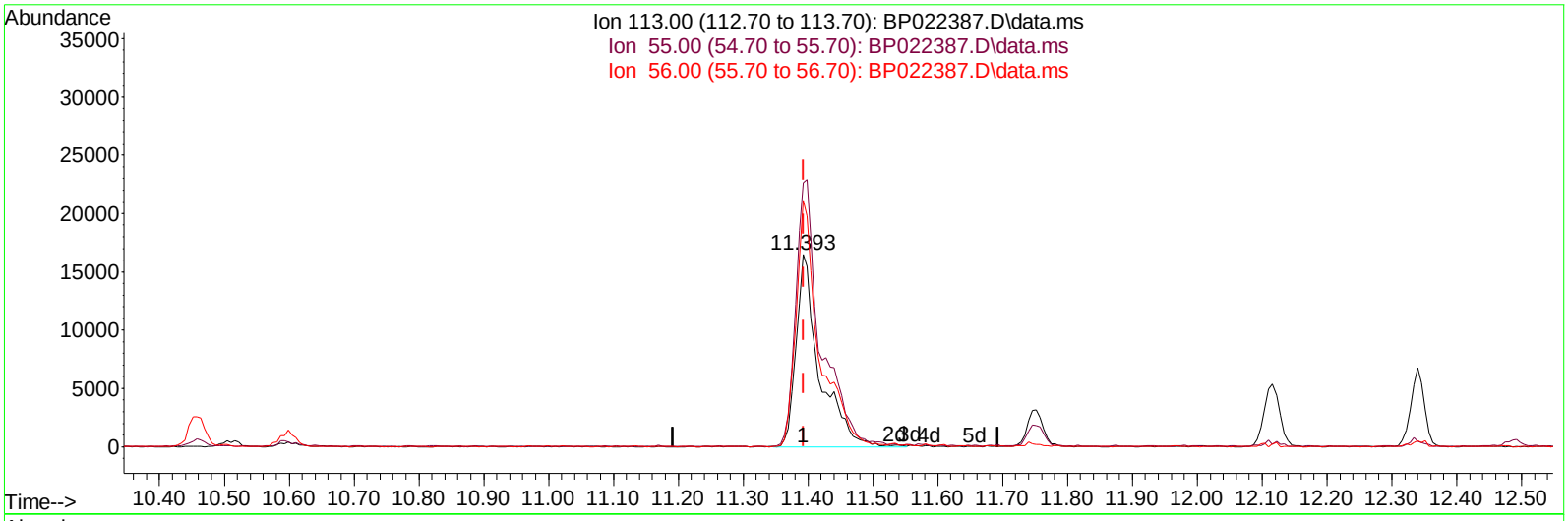

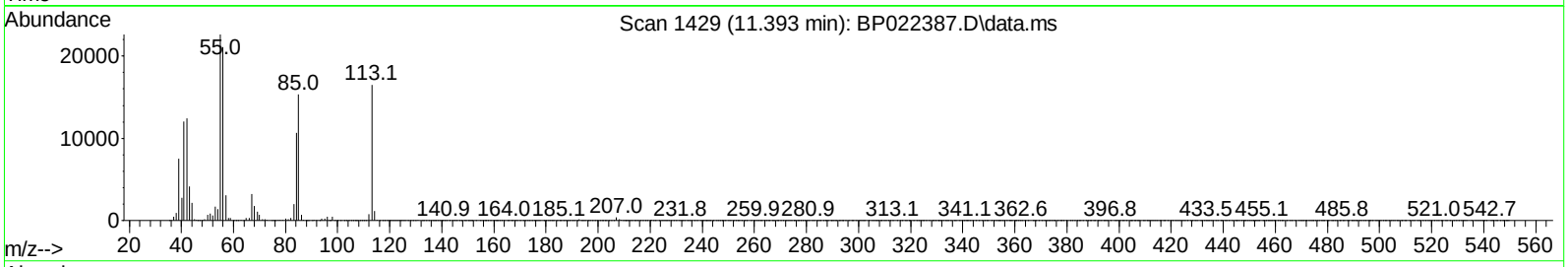

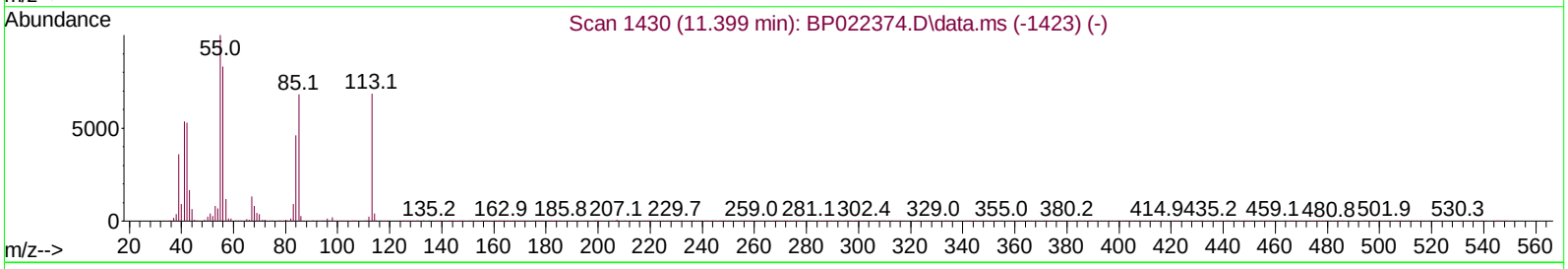

TIC: BP022387.D\data.ms

(34) Caprolactam

11.393min (+ 0.000) 18.88 ng/ul m

response 41625

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	137.20
56.00	130.00	128.03
0.00	0.00	0.00

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LabSampleId :
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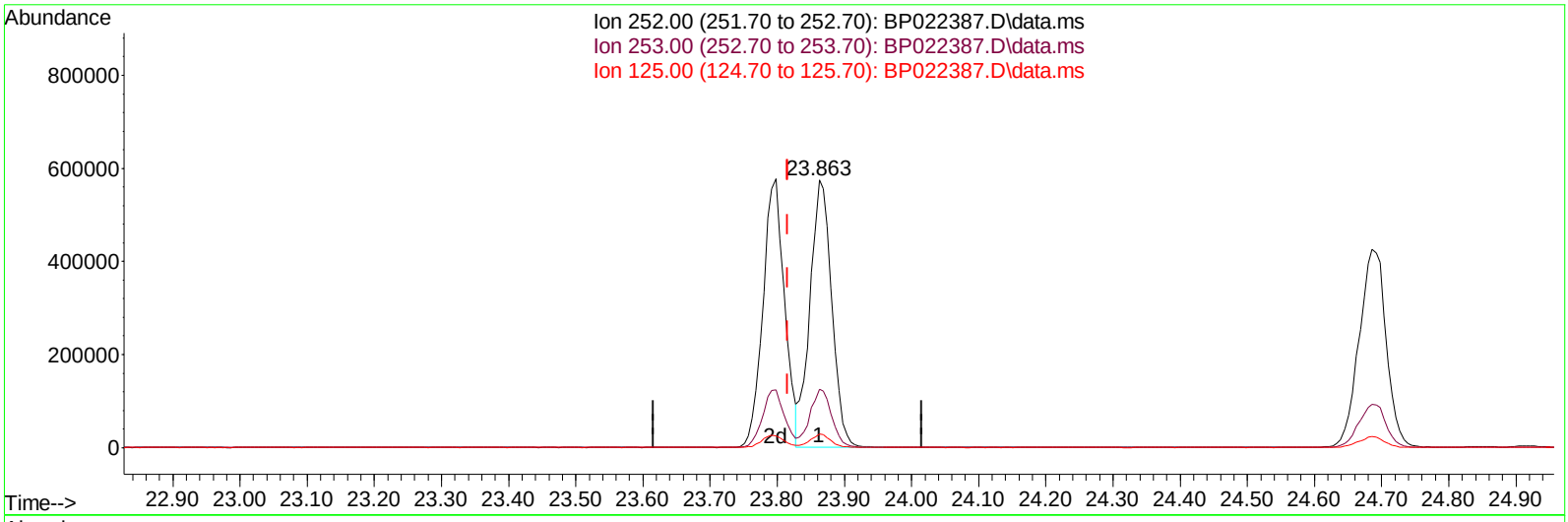

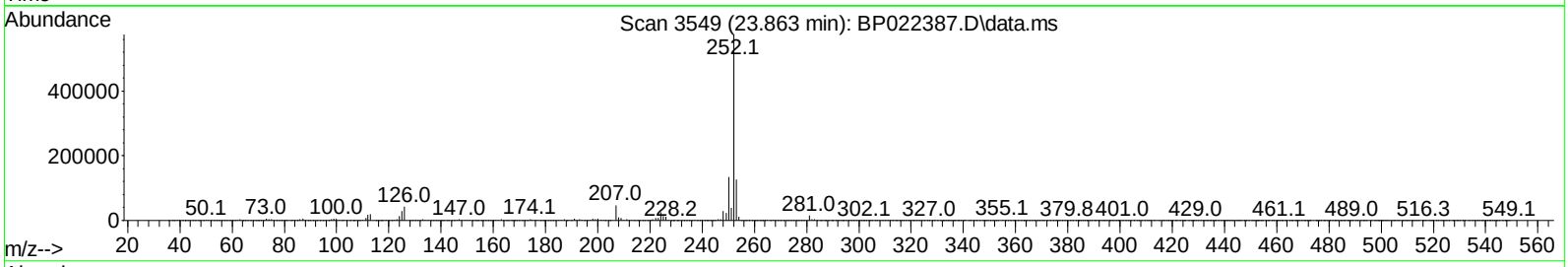

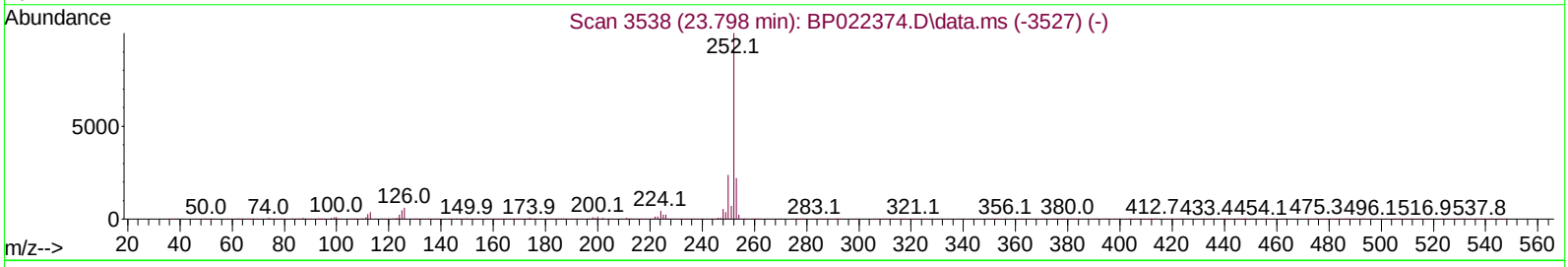

TIC: BP022387.D\data.ms

(90) Benzo(b)fluoranthene

23.863min (+ 0.047) 19.10 ng/ul

response 1293836

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	21.94
125.00	6.20	5.19
0.00	0.00	0.00

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Sample : SSTDCCC020
Misc :
ALS Vial : 40 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 14 11:01:55 2024
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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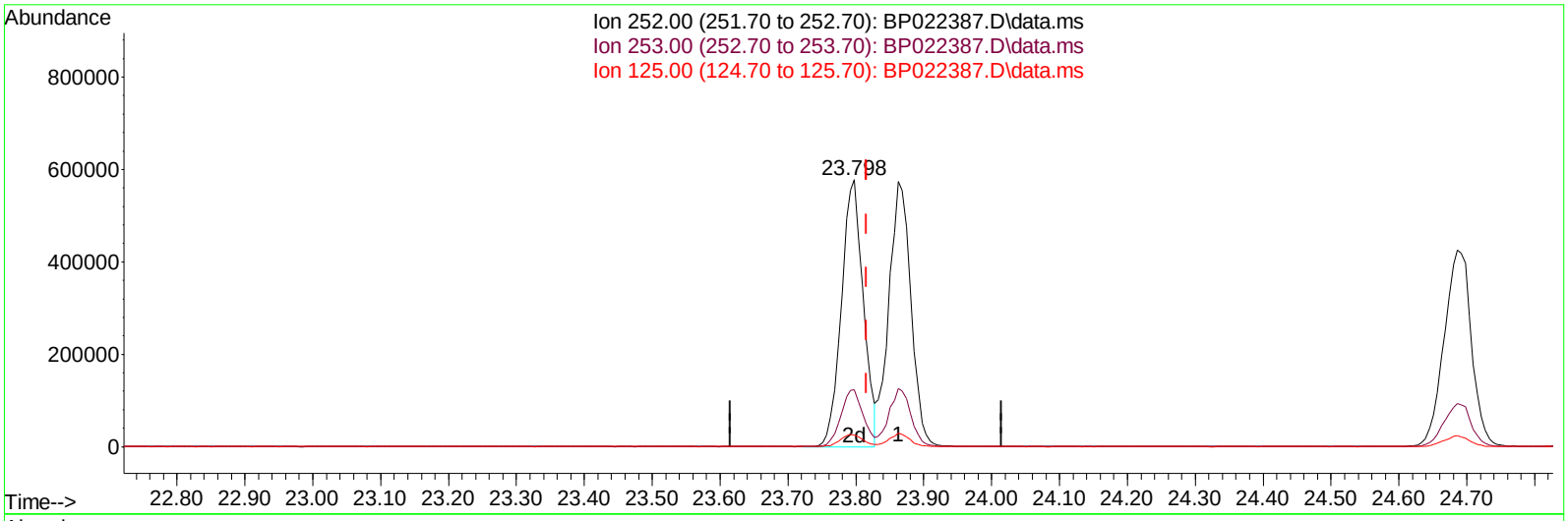

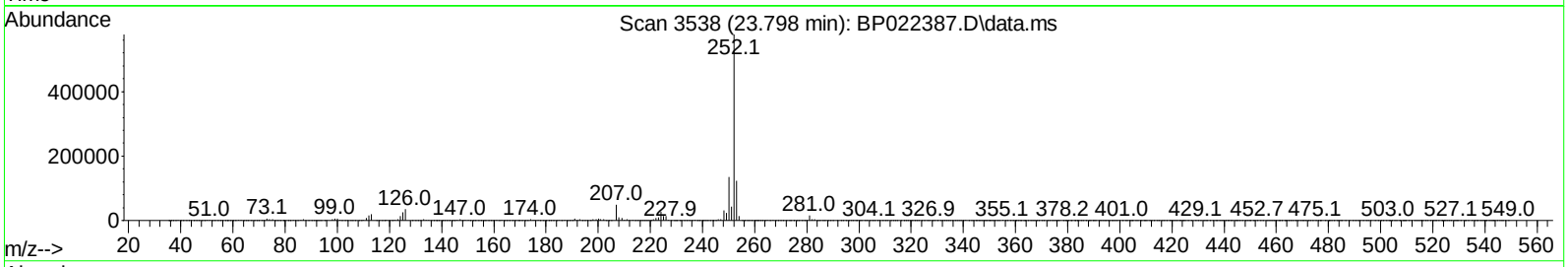

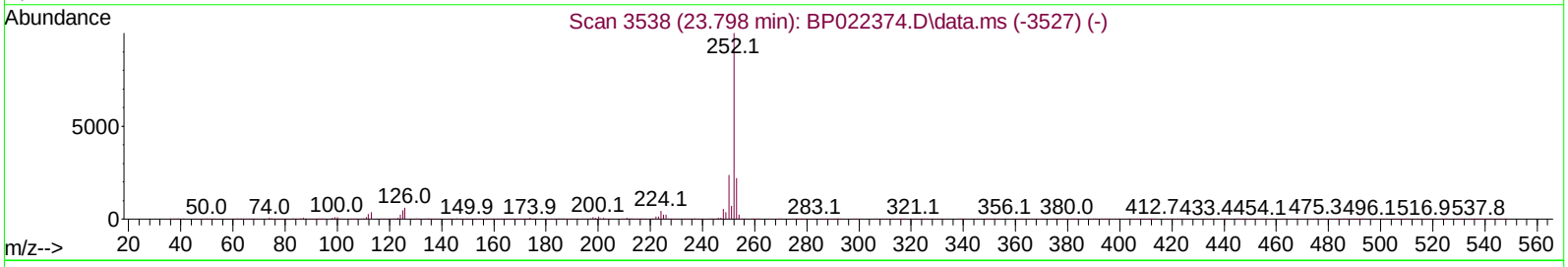

TIC: BP022387.D\data.ms

(90) Benzo(b)fluoranthene

23.798min (-0.018) 19.11 ng/ul m

response 1294542

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	21.46
125.00	6.20	4.29#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Sample : SSTDCCC020
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Oct 16 01:32:09 2024
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QLast Update : Mon Oct 14 11:01:55 2024
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Instrument :
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LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	96818	20.000	ng/ul	0.00
20) Naphthalene-d8	10.457	136	367138	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	299343	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	761795	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	889975	20.000	ng/ul	0.00
88) Perylene-d12	24.851	264	1076160	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	16040	6.438	ng/uL	0.00
4) Pyridine-d5	3.634	84	122161	17.861	ng/ul	0.00
7) Phenol-d5	6.887	99	150619	18.481	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	86257	18.008	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132	114750	19.843	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	123022	18.915	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	57845	20.491	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	69888	21.384	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	143363	20.639	ng/ul	0.01
31) 4-Chloroaniline-d4	10.599	131	156989	19.127	ng/ul	0.01
46) Dimethylphthalate-d6	13.722	166	445731	18.741	ng/ul	0.01
49) Acenaphthylene-d8	14.004	160	497758	19.705	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	76453	19.161	ng/ul	-0.01
60) Fluorene-d10	15.316	176	407520	19.755	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	92074	18.377	ng/ul	0.02
73) Anthracene-d10	17.216	188	711048	19.841	ng/ul	0.01
81) Pyrene-d10	19.592	212	907379	19.280	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.615	264	1076120	18.724	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	18437	6.882	ng/uL	98
5) Pyridine	3.652	79	124614	17.769	ng/ul	95
6) Benzaldehyde	6.858	77	96426	21.894	ng/ul	97
8) Phenol	6.916	94	151756	17.897	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.128	93	117566	18.526	ng/ul	99
12) 2-Chlorophenol	7.275	128	117262	19.609	ng/ul	98
13) 2-Methylphenol	8.140	108	115626	18.790	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.216	45	130236	17.659	ng/ul	98
16) Acetophenone	8.510	105	196512	18.301	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.493	70	99482	18.287	ng/ul	98
18) 4-Methylphenol	8.463	108	125231	18.345	ng/ul	98
19) Hexachloroethane	8.763	117	54542	19.584	ng/ul	98
22) Nitrobenzene	8.881	77	159815	18.966	ng/ul	99
23) Isophorone	9.404	82	282090	18.672	ng/ul	98
25) 2-Nitrophenol	9.581	139	69318	19.680	ng/ul	97
26) 2,4-Dimethylphenol	9.646	107	147545	19.272	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.875	93	159552	18.599	ng/ul	99
29) 2,4-Dichlorophenol	10.116	162	139216	20.352	ng/ul	99
30) Naphthalene	10.510	128	385048	19.691	ng/ul	98
32) 4-Chloroaniline	10.622	127	153598	18.958	ng/ul	98
33) Hexachlorobutadiene	10.787	225	115959	20.113	ng/ul	99
34) Caprolactam	11.393	113	41625m	18.875	ng/ul	
35) 4-Chloro-3-methylphenol	11.751	107	150509	20.167	ng/ul	97

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SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.116	142	286601	19.966	ng/ul	97
37) 1-Methylnaphthalene	12.340	142	297654	20.316	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.487	216	216421	19.553	ng/ul	98
40) Hexachlorocyclopentadiene	12.463	237	117424	17.413	ng/ul	99
41) 2,4,6-Trichlorophenol	12.740	196	137176	19.703	ng/ul	99
42) 2,4,5-Trichlorophenol	12.810	196	148715	20.061	ng/ul	99
43) 1,1'-Biphenyl	13.134	154	407832	18.902	ng/ul	98
44) 2-Chloronaphthalene	13.175	162	346526	19.619	ng/ul	97
45) 2-Nitroaniline	13.387	65	101576	19.260	ng/ul	97
47) Dimethylphthalate	13.769	163	450739	19.019	ng/ul	99
48) 2,6-Dinitrotoluene	13.881	165	91154	20.335	ng/ul	99
50) Acenaphthylene	14.034	152	533796	20.361	ng/ul	99
51) 3-Nitroaniline	14.216	138	83486	19.829	ng/ul	98
52) Acenaphthene	14.375	153	357357	19.276	ng/ul	99
53) 2,4-Dinitrophenol	14.445	184	69764	21.153	ng/ul	97
55) 4-Nitrophenol	14.545	109	95760	21.624	ng/ul	89
56) Dibenzofuran	14.722	168	538026	19.321	ng/ul	97
57) 2,4-Dinitrotoluene	14.692	165	142954	20.523	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.951	232	142791	20.636	ng/ul	99
59) Diethylphthalate	15.151	149	438393	19.281	ng/ul	99
61) Fluorene	15.375	166	454354	20.024	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.381	204	262197	20.207	ng/ul	99
63) 4-Nitroaniline	15.416	138	95092	22.446	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.475	198	96861	17.948	ng/ul	97
67) N-Nitrosodiphenylamine	15.586	169	383720	18.810	ng/ul	99
68) 4-Bromophenyl-phenylether	16.286	248	187293	20.388	ng/ul	98
69) Hexachlorobenzene	16.410	284	234975	20.780	ng/ul	98
70) Atrazine	16.563	200	153957	18.156	ng/ul	96
71) Pentachlorophenol	16.763	266	151100	20.782	ng/ul	96
72) Phenanthrene	17.163	178	804865	19.748	ng/ul	99
74) Anthracene	17.251	178	811717	19.957	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	213803	18.432	ng/uL	97
76) Pentachlorobenzene	14.634	250	245494	19.145	ng/uL	97
77) Carbazole	17.539	167	706639	19.635	ng/ul	98
78) Di-n-butylphthalate	18.128	149	768981	19.311	ng/ul	100
80) Fluoranthene	19.251	202	1079461	19.951	ng/ul	98
82) Pyrene	19.627	202	1112681	19.187	ng/ul	98
83) Butylbenzylphthalate	20.574	149	379407	18.792	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.451	252	418863	19.744	ng/ul	99
85) Benzo(a)anthracene	21.533	228	1220873	19.568	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	548804	18.937	ng/ul	100
87) Chrysene	21.604	228	1106369	19.125	ng/ul	99
89) Di-n-octyl phthalate	22.704	149	940163	18.366	ng/ul	100
90) Benzo(b)fluoranthene	23.798	252	1294542m	19.110	ng/ul	
91) Benzo(k)fluoranthene	23.863	252	1293836	19.508	ng/ul	99
93) Benzo(a)pyrene	24.686	252	1187781	19.052	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.574	276	1532231	18.417	ng/ul	98
95) Dibenzo(a,h)anthracene	28.645	278	1258315	18.678	ng/ul	98
96) Benzo(g,h,i)perylene	29.721	276	1218117	18.824	ng/ul	99

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

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