Quantitation Report (Qedit)

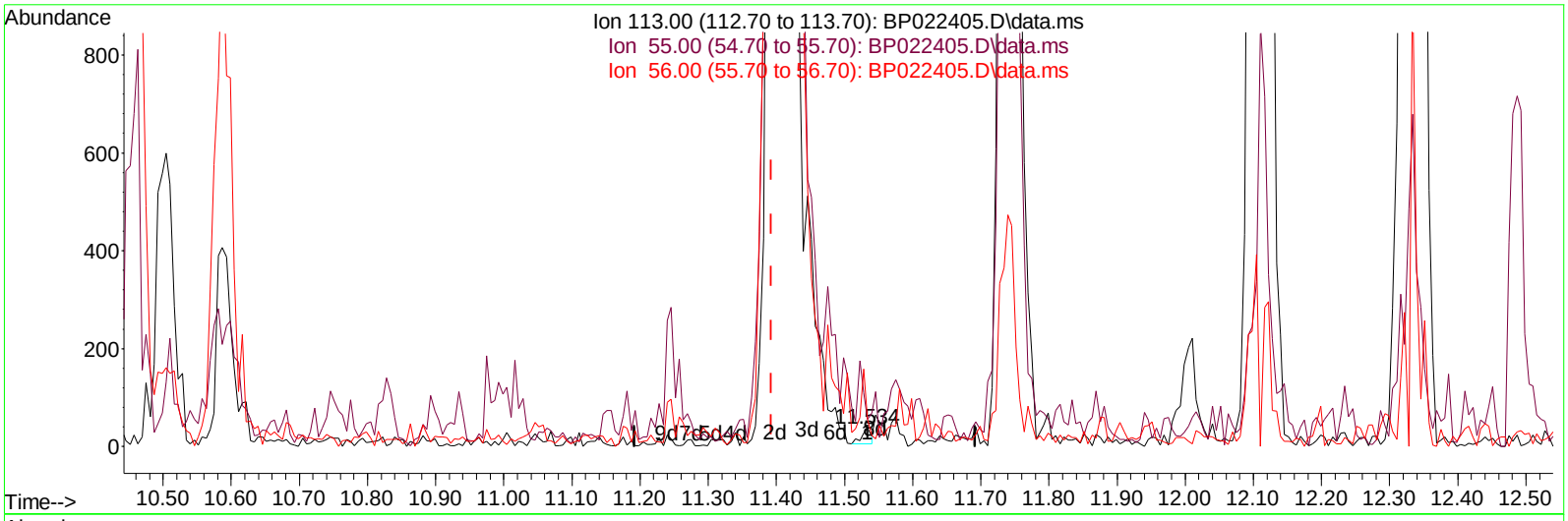
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022405.D
Acq On : 16 Oct 2024 02:27
Operator : RC/JU
Sample : P4349-21MS
Misc :
ALS Vial : 59 Sample Multiplier: 1

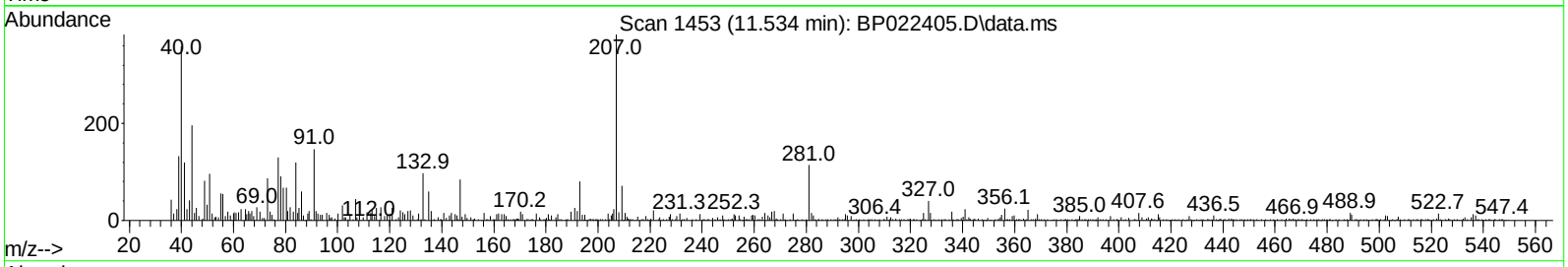
Quant Time: Oct 16 03:02:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 14 11:01:55 2024
Response via : Initial Calibration

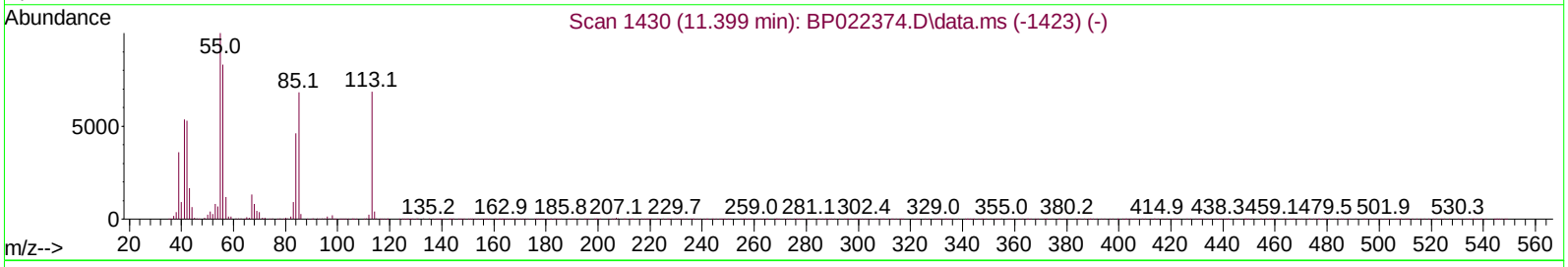
Instrument :
BNA_P
ClientSampleId :
EOAG2MS

Manual IntegrationsAPPROVED

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







TIC: BP022405.D\data.ms

(34) Caprolactam

11.534min (+ 0.141) 0.02 ng/ul

response 31

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	151.35
56.00	130.00	148.65
0.00	0.00	0.00

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Misc :
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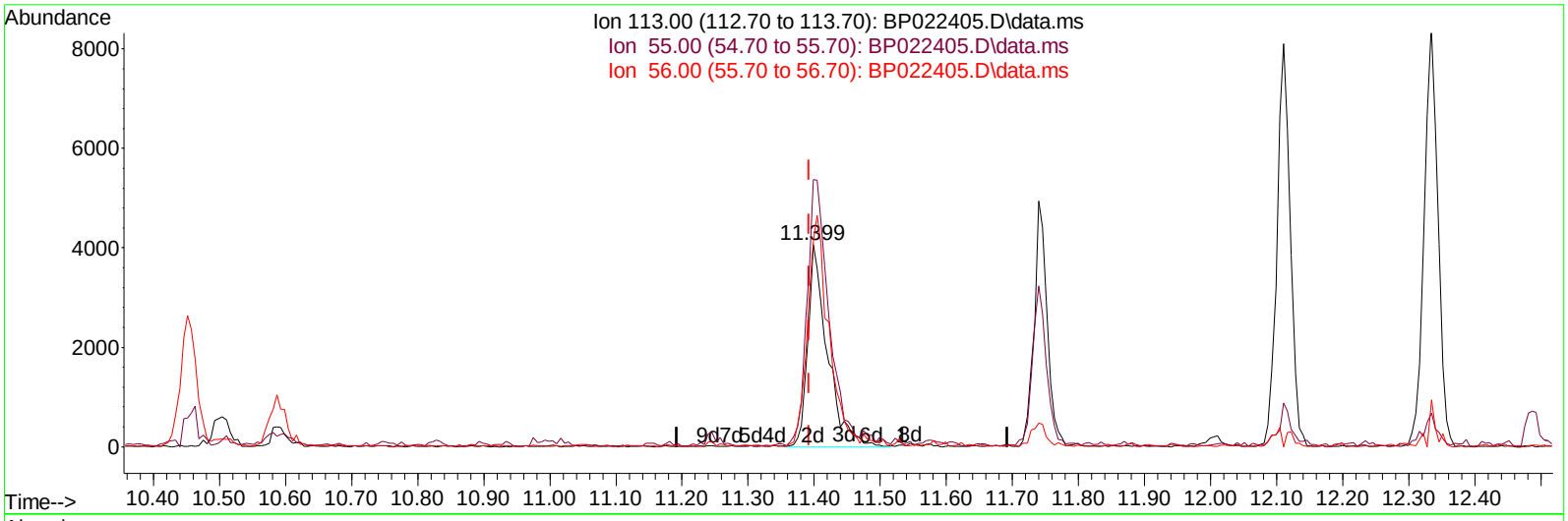

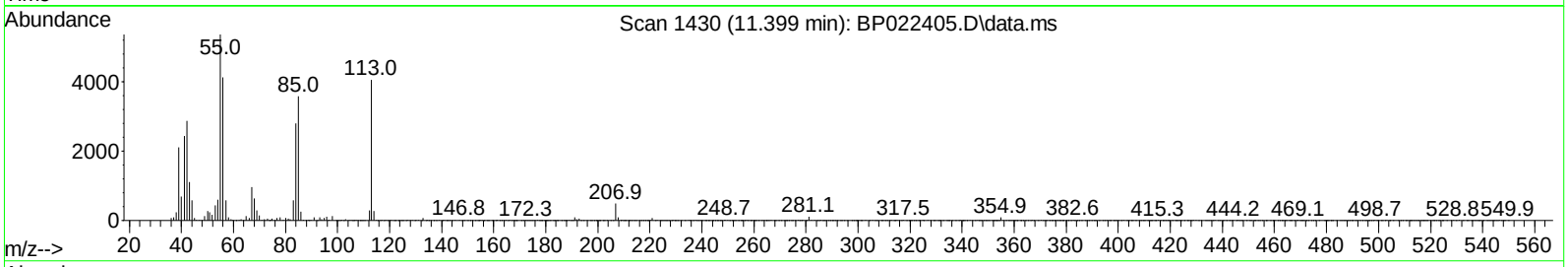

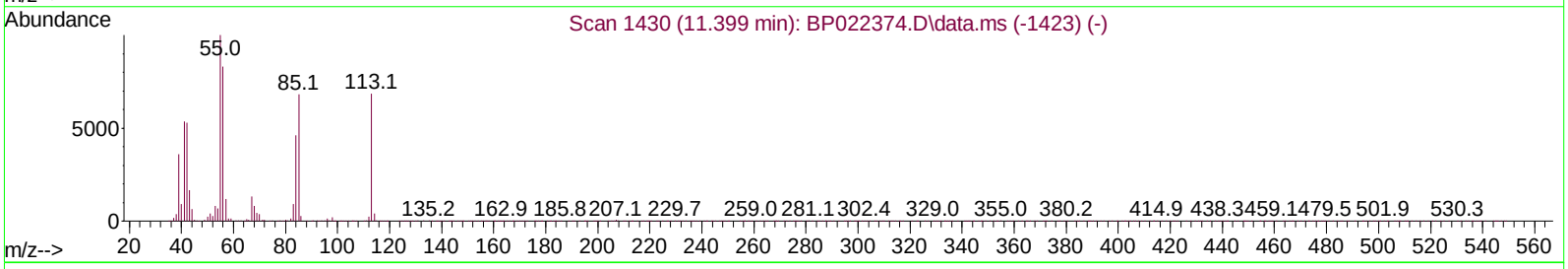

TIC: BP022405.D\data.ms

(34) Caprolactam

11.399min (+ 0.006) 4.10 ng/ul m

response 8444

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	132.09
56.00	130.00	101.82#
0.00	0.00	0.00

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Misc :
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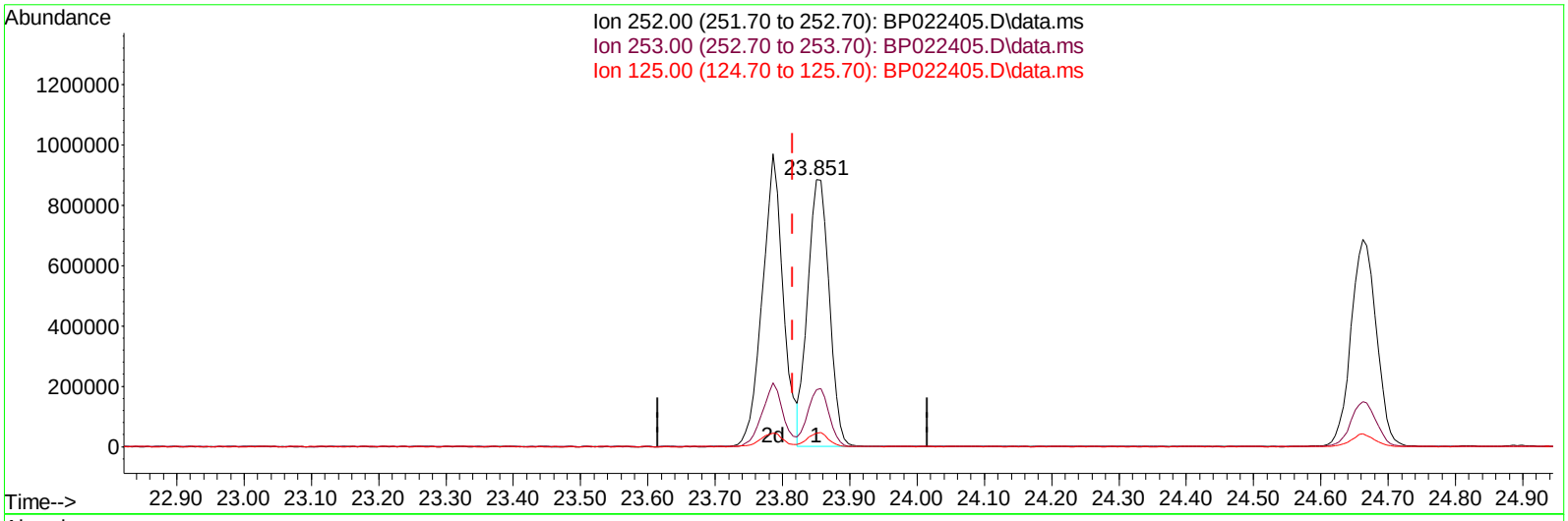

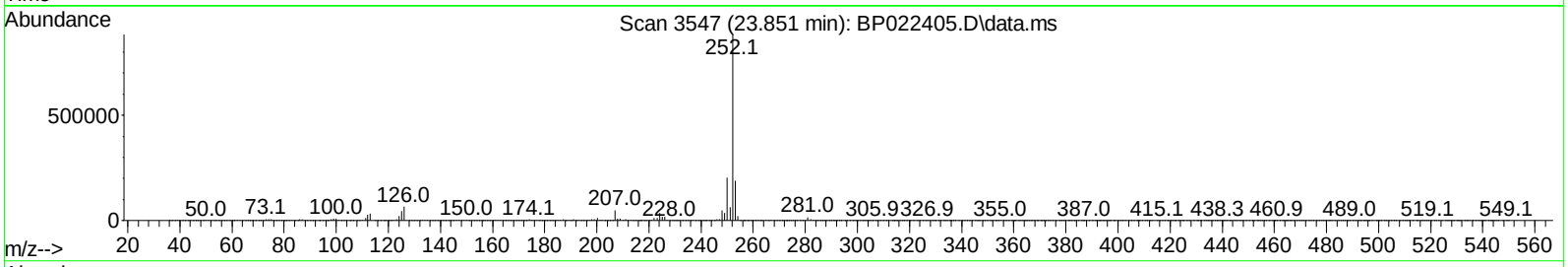

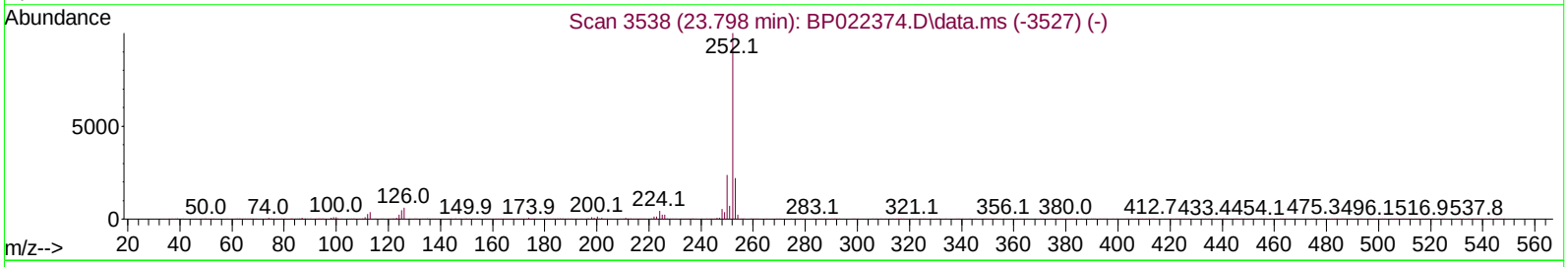

TIC: BP022405.D\data.ms

(90) Benzo(b)fluoranthene

23.851min (+ 0.035) 28.50 ng/ul

response 1964404

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	21.48
125.00	6.20	5.09
0.00	0.00	0.00

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Operator : RC/JU
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Misc :
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Instrument :
BNA_P
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EOAG2MS

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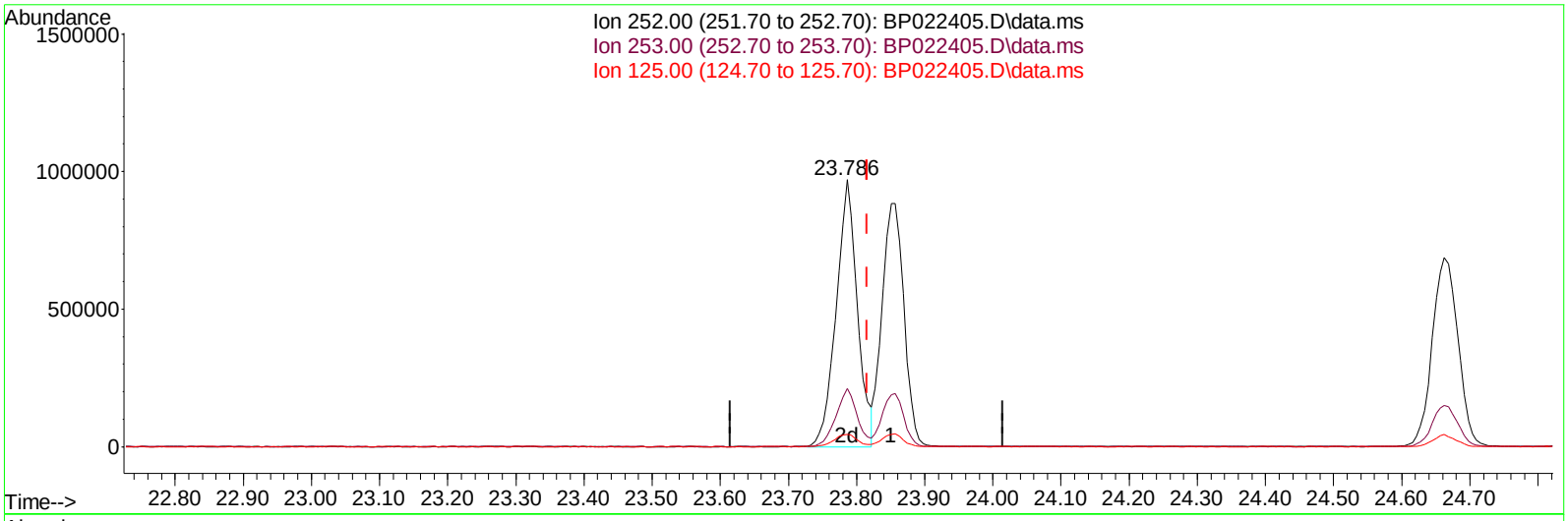

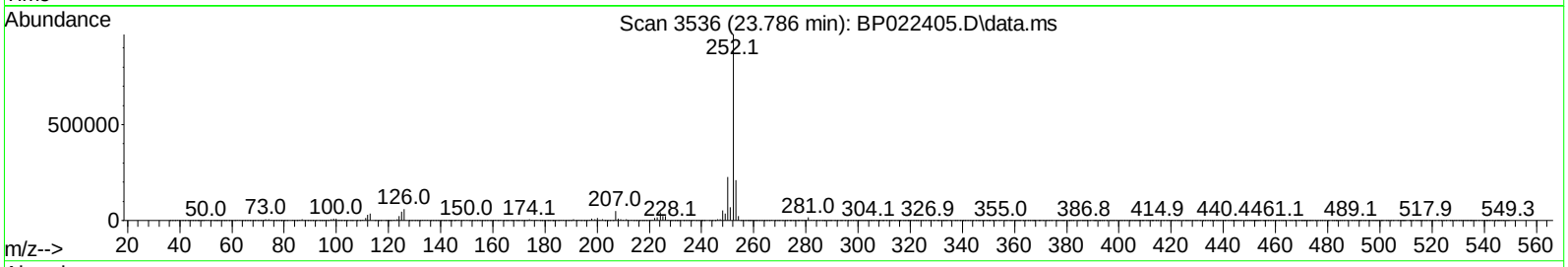

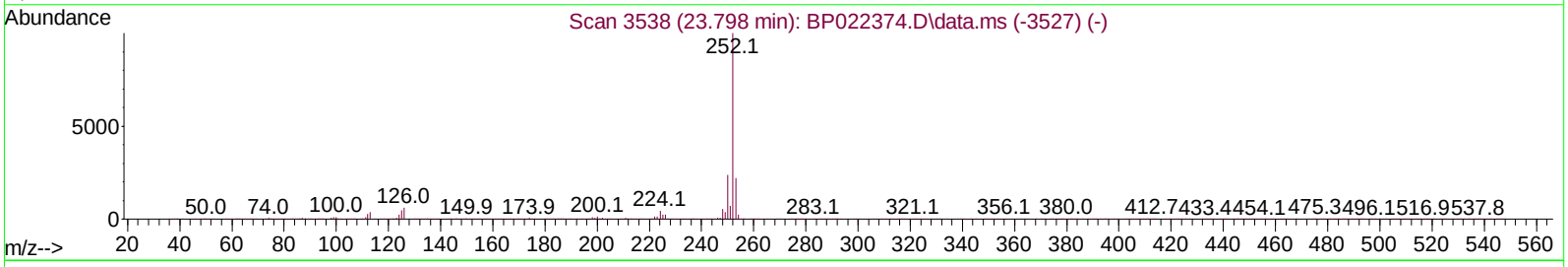

TIC: BP022405.D\data.ms

(90) Benzo(b)fluoranthene

23.786min (-0.029) 30.31 ng/ul m

response 2089169

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	21.79
125.00	6.20	4.69#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : RC/JU
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Misc :
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Quant Time: Oct 16 03:07:36 2024
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	85972	20.000	ng/ul	0.00
20) Naphthalene-d8	10.452	136	342479	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	284011	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	755721	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	904447	20.000	ng/ul	0.00
88) Perylene-d12	24.821	264	1095110	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	7611	3.440	ng/uL	0.00
4) Pyridine-d5	3.640	84	32505	5.352	ng/ul	0.00
7) Phenol-d5	6.881	99	55141	7.619	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	108481	25.504	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	129749	25.267	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	101880	17.640	ng/ul	0.00
21) Nitrobenzene-d5	8.834	128	72151	27.399	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	86639	28.418	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	184410	28.460	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	118453	15.471	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	626387	27.759	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	648480	27.057	ng/ul	0.00
54) 4-Nitrophenol-d4	14.540	143	35612	9.407	ng/ul	0.00
60) Fluorene-d10	15.316	176	580017	29.634	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	141768	28.523	ng/ul	0.00
73) Anthracene-d10	17.210	188	1055891	29.701	ng/ul	0.00
81) Pyrene-d10	19.581	212	1420393	29.697	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.586	264	1781240	30.457	ng/ul	-0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	10736	4.513	ng/uL#	95
5) Pyridine	3.658	79	37240	5.980	ng/ul#	89
6) Benzaldehyde	6.852	77	108620	27.774	ng/ul	97
8) Phenol	6.911	94	63275	8.404	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.122	93	146514	26.001	ng/ul	99
12) 2-Chlorophenol	7.269	128	137306	25.858	ng/ul	95
13) 2-Methylphenol	8.140	108	112151	20.525	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.211	45	161849	24.714	ng/ul	98
16) Acetophenone	8.505	105	253533	26.591	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.487	70	127836	26.463	ng/ul	99
18) 4-Methylphenol	8.463	108	110058	18.156	ng/ul	93
19) Hexachloroethane	8.752	117	66120	26.737	ng/ul	97
22) Nitrobenzene	8.881	77	207689	26.422	ng/ul	99
23) Isophorone	9.405	82	361667	25.662	ng/ul	98
25) 2-Nitrophenol	9.581	139	91925	27.978	ng/ul	97
26) 2,4-Dimethylphenol	9.646	107	171959	24.079	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.869	93	188808	23.595	ng/ul	98
29) 2,4-Dichlorophenol	10.116	162	181313	28.415	ng/ul	98
30) Naphthalene	10.505	128	478485	26.231	ng/ul	98
32) 4-Chloroaniline	10.610	127	111808	14.794	ng/ul	98
33) Hexachlorobutadiene	10.787	225	143932	26.763	ng/ul	99
34) Caprolactam	11.399	113	8444m	4.105	ng/ul	
35) 4-Chloro-3-methylphenol	11.740	107	201514	28.945	ng/ul	99

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EOAG2MS

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 10/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.110	142	369111	27.566	ng/ul	95
37) 1-Methylnaphthalene	12.334	142	372728	27.272	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.481	216	285466	27.183	ng/ul	97
40) Hexachlorocyclopentadiene	12.463	237	98094	15.332	ng/ul	98
41) 2,4,6-Trichlorophenol	12.728	196	183164	27.728	ng/ul	97
42) 2,4,5-Trichlorophenol	12.810	196	208015	29.574	ng/ul	98
43) 1,1'-Biphenyl	13.134	154	539563	26.357	ng/ul	99
44) 2-Chloronaphthalene	13.175	162	453759	27.077	ng/ul	98
45) 2-Nitroaniline	13.381	65	149690	29.915	ng/ul	96
47) Dimethylphthalate	13.763	163	612157	27.225	ng/ul	99
48) 2,6-Dinitrotoluene	13.887	165	133721	31.441	ng/ul	98
50) Acenaphthylene	14.028	152	684124	27.504	ng/ul	99
51) 3-Nitroaniline	14.228	138	91649	22.943	ng/ul	92
52) Acenaphthene	14.369	153	486255	27.645	ng/ul	98
53) 2,4-Dinitrophenol	14.440	184	93072	29.743	ng/ul	91
55) 4-Nitrophenol	14.551	109	43055	10.247	ng/ul	87
56) Dibenzofuran	14.704	168	757933	28.687	ng/ul	99
57) 2,4-Dinitrotoluene	14.681	165	215926	32.672	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	14.945	232	205209	31.257	ng/ul	98
59) Diethylphthalate	15.157	149	618840	28.687	ng/ul	98
61) Fluorene	15.369	166	643011	29.869	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.357	204	356088	28.925	ng/ul	98
63) 4-Nitroaniline	15.387	138	126056	31.361	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.463	198	153283	28.632	ng/ul	99
67) N-Nitrosodiphenylamine	15.592	169	546743	27.016	ng/ul	100
68) 4-Bromophenyl-phenylether	16.281	248	263317	28.893	ng/ul	97
69) Hexachlorobenzene	16.392	284	338280	30.156	ng/ul	98
70) Atrazine	16.569	200	69072	8.211	ng/ul	96
71) Pentachlorophenol	16.751	266	209664	29.068	ng/ul	94
72) Phenanthrene	17.151	178	1186568	29.347	ng/ul	99
74) Anthracene	17.245	178	1193943	29.591	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	283312	24.621	ng/uL	98
76) Pentachlorobenzene	14.634	250	334470	26.294	ng/uL	99
77) Carbazole	17.522	167	1072182	30.032	ng/ul	100
78) Di-n-butylphthalate	18.110	149	1141233	28.889	ng/ul	100
80) Fluoranthene	19.233	202	1610748	29.294	ng/ul	98
82) Pyrene	19.616	202	1732003	29.389	ng/ul	97
83) Butylbenzylphthalate	20.563	149	604522	29.463	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.445	252	299018	13.869	ng/ul	99
85) Benzo(a)anthracene	21.522	228	1874406	29.562	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.451	149	842781	28.616	ng/ul	99
87) Chrysene	21.592	228	1719459	29.247	ng/ul	100
89) Di-n-octyl phthalate	22.692	149	1462208	28.071	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	2089169m	30.307	ng/ul	
91) Benzo(k)fluoranthene	23.851	252	1964404	29.107	ng/ul	99
93) Benzo(a)pyrene	24.663	252	1800657	28.382	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.557	276	2443435	28.861	ng/ul	99
95) Dibenzo(a,h)anthracene	28.615	278	1977534	28.845	ng/ul	99
96) Benzo(g,h,i)perylene	29.698	276	1911903	29.033	ng/ul	99

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

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