Quantitation Report (Qedit)

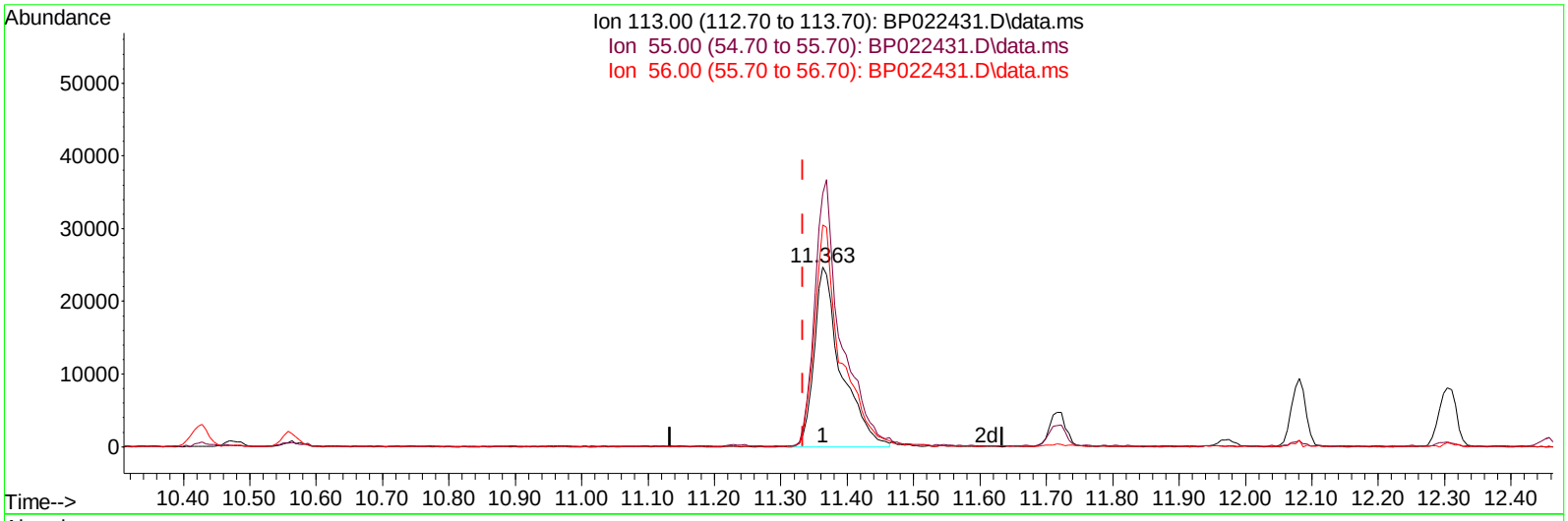
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
Data File : BP022431.D
Acq On : 17 Oct 2024 02:36
Operator : RC/JU
Sample : PB163941BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

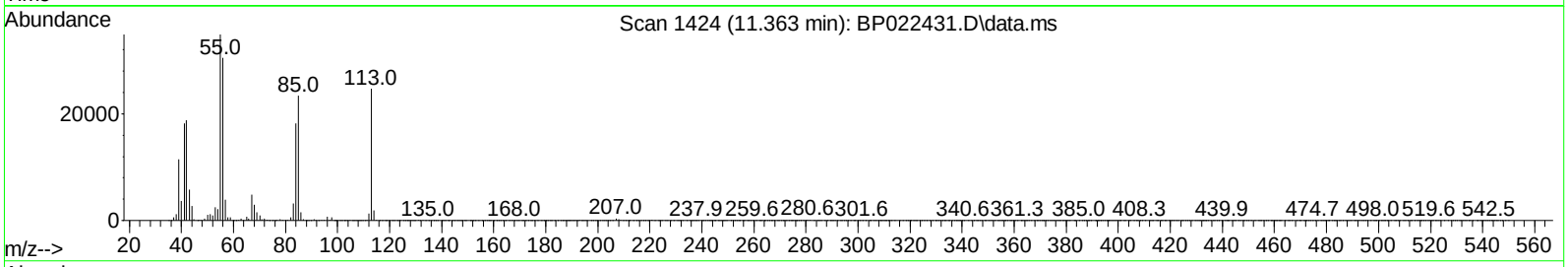
Quant Time: Oct 17 03:10:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 11:47:52 2024
Response via : Initial Calibration

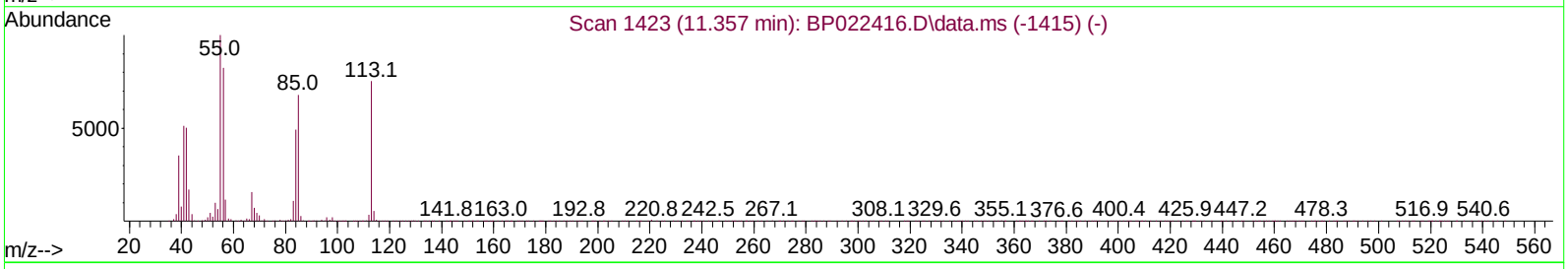
Instrument :
BNA_P
ClientSampleId :
SLCS941

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/18/2024







TIC: BP022431.D\data.ms

(34) Caprolactam

11.363min (+ 0.030) 23.90 ng/ul

response 69638

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	141.24
56.00	130.00	123.52
0.00	0.00	0.00

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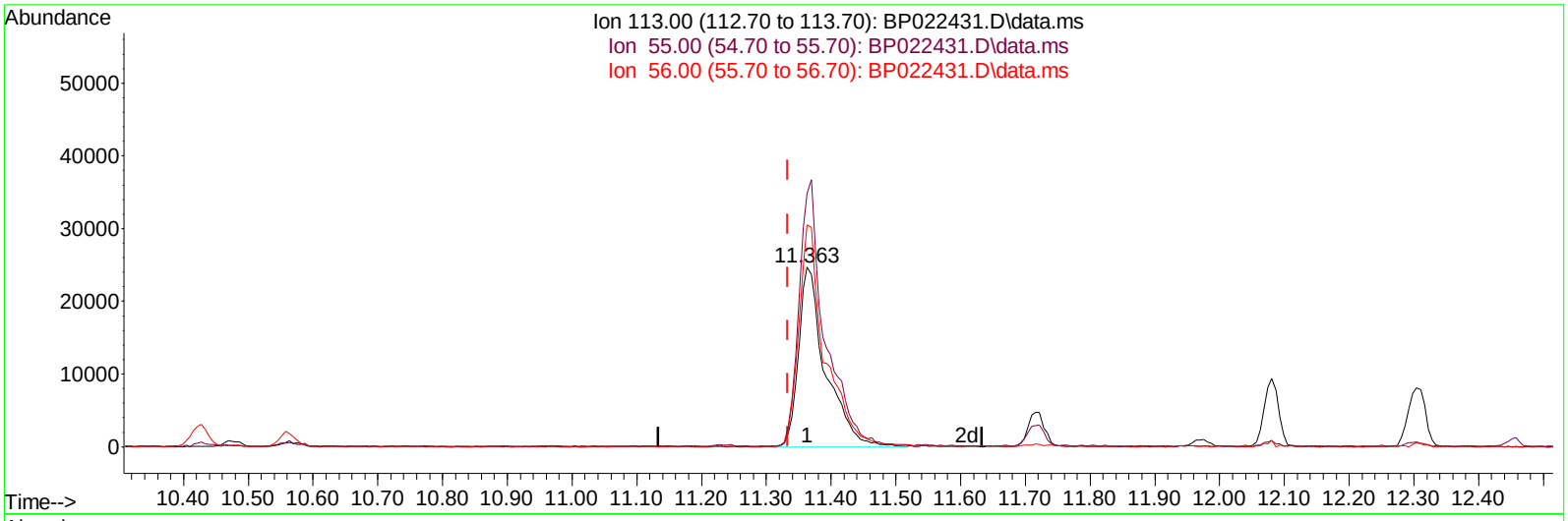

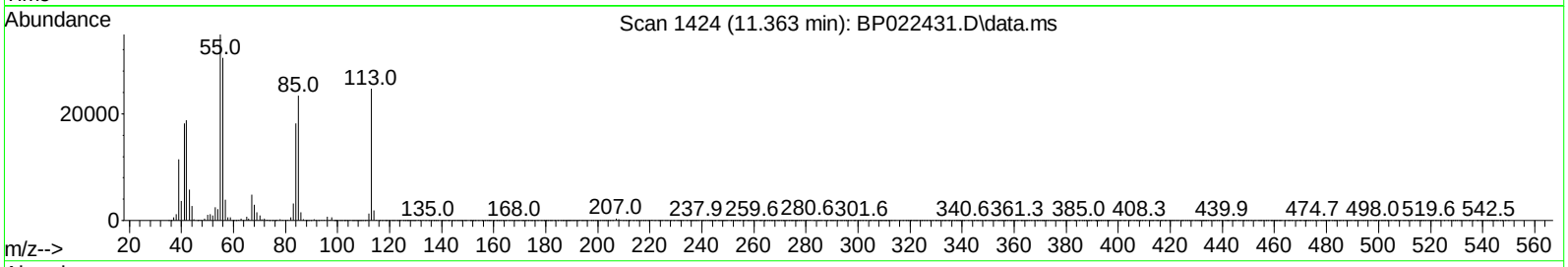

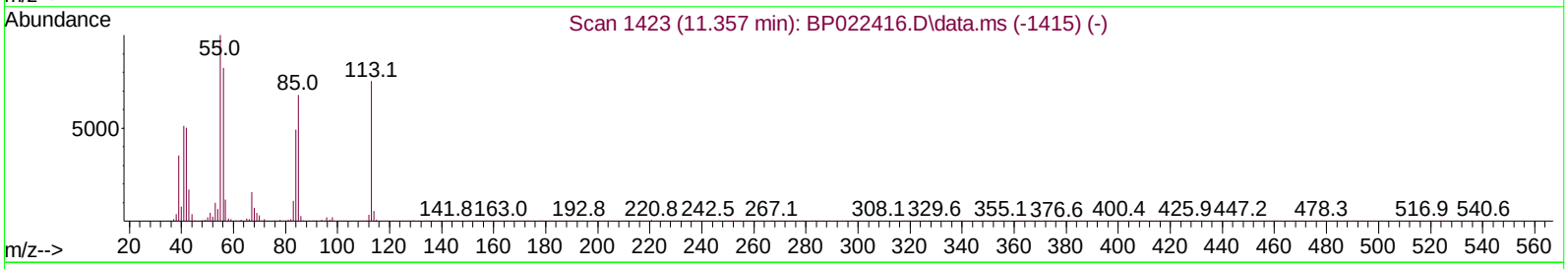

TIC: BP022431.D\data.ms

(34) Caprolactam

11.363min (+ 0.030) 24.17 ng/ul m

response 70415

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	141.24
56.00	130.00	123.52
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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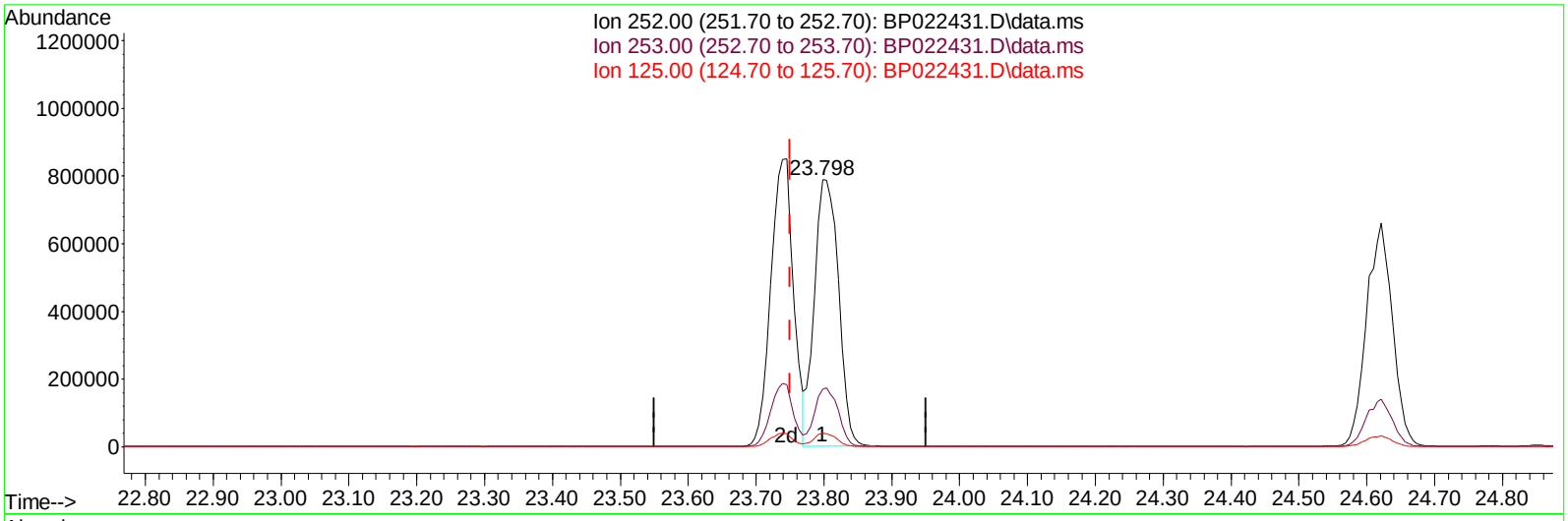

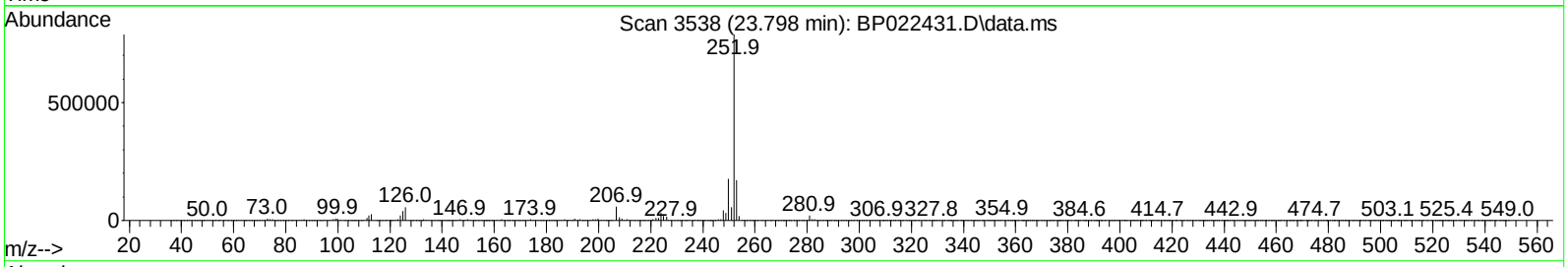

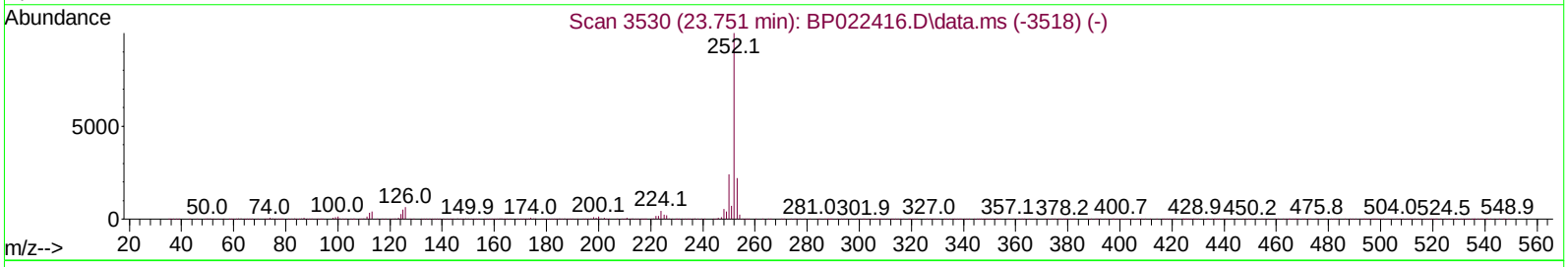

TIC: BP022431.D\data.ms

(90) Benzo(b)fluoranthene

23.798min (+ 0.047) 25.50 ng/ul

response 1950187

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	21.57
125.00	6.20	4.99
0.00	0.00	0.00

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Misc :
ALS Vial : 22 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
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ClientSampleId :
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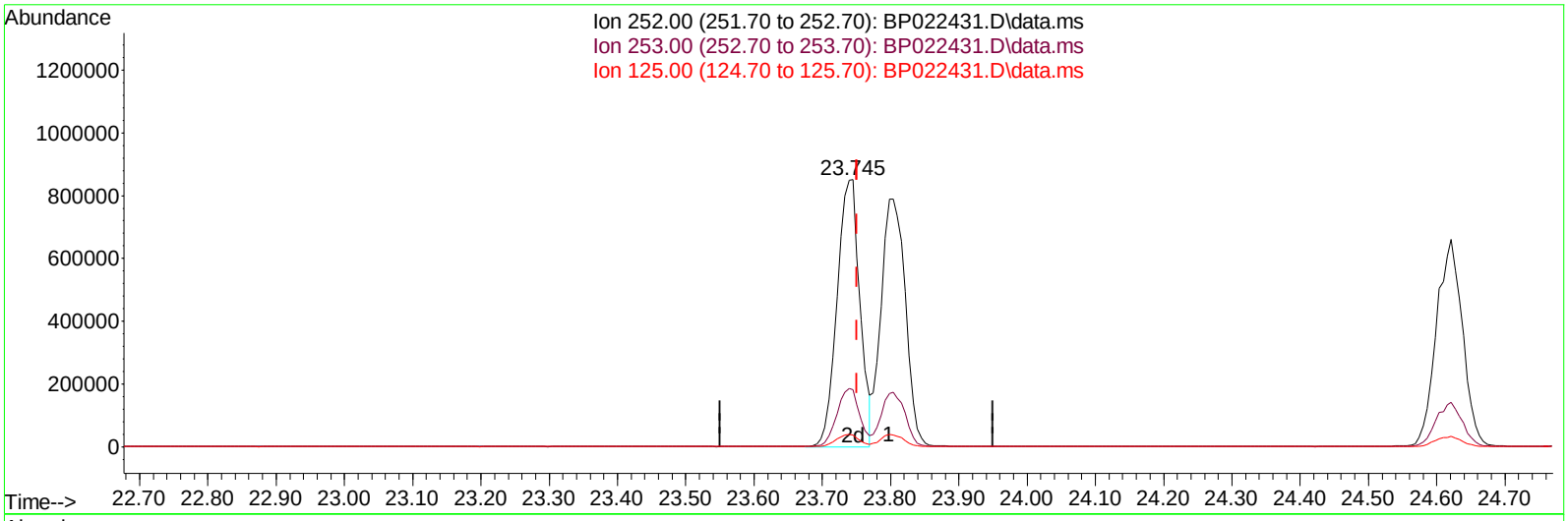

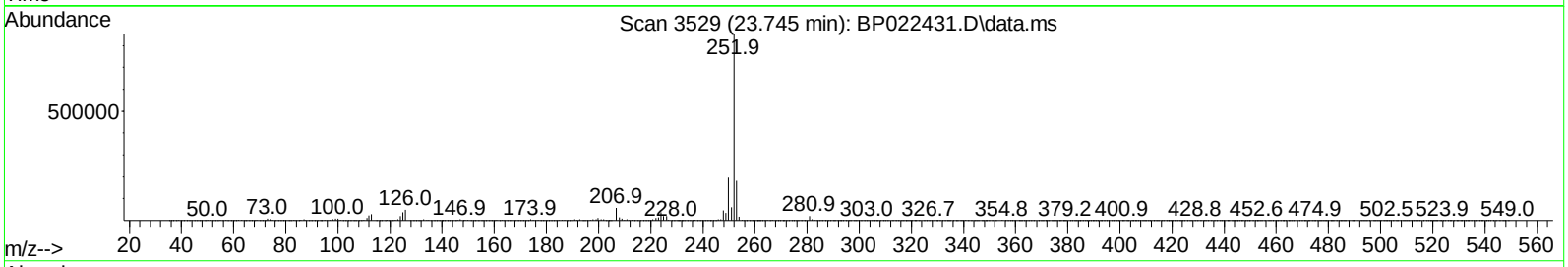

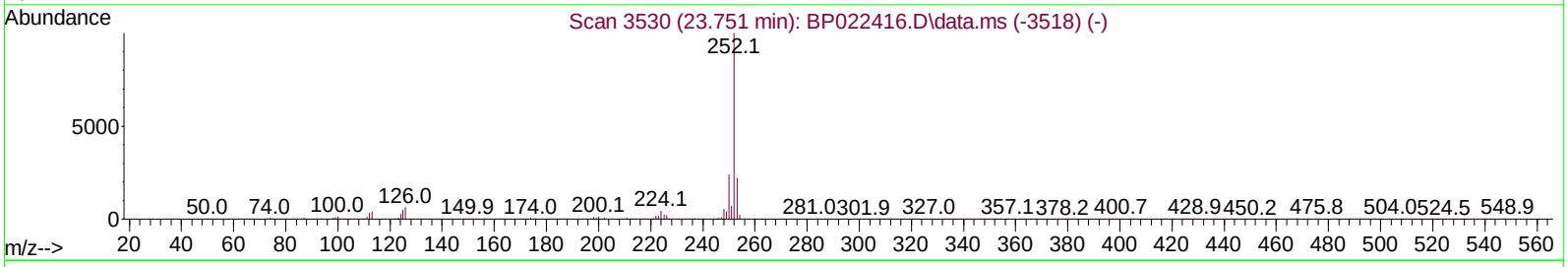

TIC: BP022431.D\data.ms

(90) Benzo(b)fluoranthene

23.745min (-0.005) 25.82 ng/ul m

response 1974969

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	21.47
125.00	6.20	4.49#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : RC/JU
Sample : PB163941BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 17 03:13:22 2024
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/17/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	114002	20.000	ng/ul	0.04
20) Naphthalene-d8	10.428	136	484982	20.000	ng/ul	0.04
38) Acenaphthene-d10	14.281	164	380264	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188	923912	20.000	ng/ul	0.00
79) Chrysene-d12	21.510	240	1010538	20.000	ng/ul	-0.01
88) Perylene-d12	24.780	264	1214950	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	13451	4.585	ng/uL	0.02
4) Pyridine-d5	3.611	84	181263	22.507	ng/ul	0.02
7) Phenol-d5	6.858	99	238865	24.891	ng/ul	0.04
9) Bis-(2-Chloroethyl)eth...	7.011	67	136415	24.186	ng/ul	0.04
11) 2-Chlorophenol-d4	7.211	132	180495	26.507	ng/ul	0.04
15) 4-Methylphenol-d8	8.369	113	192877	25.185	ng/ul	0.04
21) Nitrobenzene-d5	8.805	128	89234	23.930	ng/ul	0.04
24) 2-Nitrophenol-d4	9.522	143	107157	24.821	ng/ul	0.03
28) 2,4-Dichlorophenol-d3	10.057	165	253566	27.634	ng/ul	0.04
31) 4-Chloroaniline-d4	10.563	131	266288	24.560	ng/ul	0.03
46) Dimethylphthalate-d6	13.687	166	780623	25.837	ng/ul	0.02
49) Acenaphthylene-d8	13.963	160	834459	26.004	ng/ul	0.00
54) 4-Nitrophenol-d4	14.504	143	122548	24.178	ng/ul	0.00
60) Fluorene-d10	15.281	176	677607	25.857	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	149496	24.603	ng/ul	0.00
73) Anthracene-d10	17.181	188	1118706	25.739	ng/ul	0.00
81) Pyrene-d10	19.569	212	1437667	26.903	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.557	264	1721049	26.525	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	28534	9.046	ng/uL	97
5) Pyridine	3.628	79	179546	21.743	ng/ul	96
6) Benzaldehyde	6.828	77	133630	25.768	ng/ul	97
8) Phenol	6.881	94	248403	24.880	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.099	93	189953	25.421	ng/ul	100
12) 2-Chlorophenol	7.240	128	188245	26.734	ng/ul	96
13) 2-Methylphenol	8.111	108	178628	24.653	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.175	45	209859	24.166	ng/ul	98
16) Acetophenone	8.475	105	310534	24.561	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.463	70	157244	24.548	ng/ul	96
18) 4-Methylphenol	8.434	108	199302	24.795	ng/ul	95
19) Hexachloroethane	8.728	117	86745	26.452	ng/ul	100
22) Nitrobenzene	8.852	77	247035	22.193	ng/ul	97
23) Isophorone	9.369	82	447692	22.432	ng/ul	99
25) 2-Nitrophenol	9.552	139	111934	24.057	ng/ul	96
26) 2,4-Dimethylphenol	9.616	107	197149	19.494	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.846	93	263465	23.250	ng/ul	98
29) 2,4-Dichlorophenol	10.081	162	248901	27.545	ng/ul	98
30) Naphthalene	10.475	128	661232	25.598	ng/ul	98
32) 4-Chloroaniline	10.587	127	215763	20.160	ng/ul	100
33) Hexachlorobutadiene	10.757	225	216163	28.384	ng/ul	99
34) Caprolactam	11.363	113	70415m	24.172	ng/ul	
35) 4-Chloro-3-methylphenol	11.716	107	253774	25.741	ng/ul	96

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/18/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.081	142	496816	26.201 ng/ul	99
37) 1-Methylnaphthalene	12.304	142	486618	25.143 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.451	216	384064	27.315 ng/ul	96
40) Hexachlorocyclopentadiene	12.428	237	157860	18.427 ng/ul#	94
41) 2,4,6-Trichlorophenol	12.704	196	232816	26.324 ng/ul	99
42) 2,4,5-Trichlorophenol	12.781	196	256761	27.265 ng/ul	99
43) 1,1'-Biphenyl	13.099	154	699507	25.521 ng/ul	99
44) 2-Chloronaphthalene	13.146	162	579610	25.832 ng/ul	99
45) 2-Nitroaniline	13.351	65	157672	23.534 ng/ul	89
47) Dimethylphthalate	13.734	163	765364	25.423 ng/ul	99
48) 2,6-Dinitrotoluene	13.857	165	159331	27.980 ng/ul	91
50) Acenaphthylene	13.993	152	856724	25.724 ng/ul	99
51) 3-Nitroaniline	14.193	138	138802	25.952 ng/ul	89
52) Acenaphthene	14.345	153	588360	24.983 ng/ul	99
53) 2,4-Dinitrophenol	14.404	184	96140	22.947 ng/ul	97
55) 4-Nitrophenol	14.516	109	132416	23.539 ng/ul	98
56) Dibenzofuran	14.681	168	907582	25.656 ng/ul	97
57) 2,4-Dinitrotoluene	14.651	165	239292	27.043 ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.916	232	232561	26.457 ng/ul	96
59) Diethylphthalate	15.110	149	731076	25.312 ng/ul	99
61) Fluorene	15.340	166	741384	25.721 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.340	204	433724	26.313 ng/ul	97
63) 4-Nitroaniline	15.363	138	152464	28.330 ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.428	198	163454	24.973 ng/ul	94
67) N-Nitrosodiphenylamine	15.557	169	635303	25.677 ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	306786	27.535 ng/ul	95
70) Atrazine	16.534	200	204271	19.862 ng/ul	96
71) Pentachlorophenol	16.722	266	227867	25.841 ng/ul	97
72) Phenanthrene	17.116	178	1245294	25.193 ng/ul	99
74) Anthracene	17.216	178	1244821	25.235 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	375419	26.687 ng/uL	98
76) Pentachlorobenzene	14.604	250	409822	26.353 ng/uL	99
77) Carbazole	17.504	167	1101693	25.241 ng/ul	99
78) Di-n-butylphthalate	18.086	149	1262347	26.138 ng/ul	99
80) Fluoranthene	19.222	202	1684871	27.425 ng/ul	98
82) Pyrene	19.598	202	1734409	26.341 ng/ul	98
83) Butylbenzylphthalate	20.545	149	592364	25.839 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.416	252	659101	27.361 ng/ul	98
85) Benzo(a)anthracene	21.492	228	1834942	25.902 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.427	149	829006	25.193 ng/ul#	97
87) Chrysene	21.551	228	1695326	25.809 ng/ul	100
89) Di-n-octyl phthalate	22.669	149	1446299	25.026 ng/ul	100
90) Benzo(b)fluoranthene	23.745	252	1974969m	25.824 ng/ul	
91) Benzo(k)fluoranthene	23.798	252	1950187	26.046 ng/ul	99
93) Benzo(a)pyrene	24.621	252	1762915	25.047 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.480	276	2461486	26.207 ng/ul#	97
95) Dibenzo(a,h)anthracene	28.545	278	1988494	26.144 ng/ul#	98
96) Benzo(g,h,i)perylene	29.645	276	1907684	26.112 ng/ul	98

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

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