Quantitation Report (Qedit)

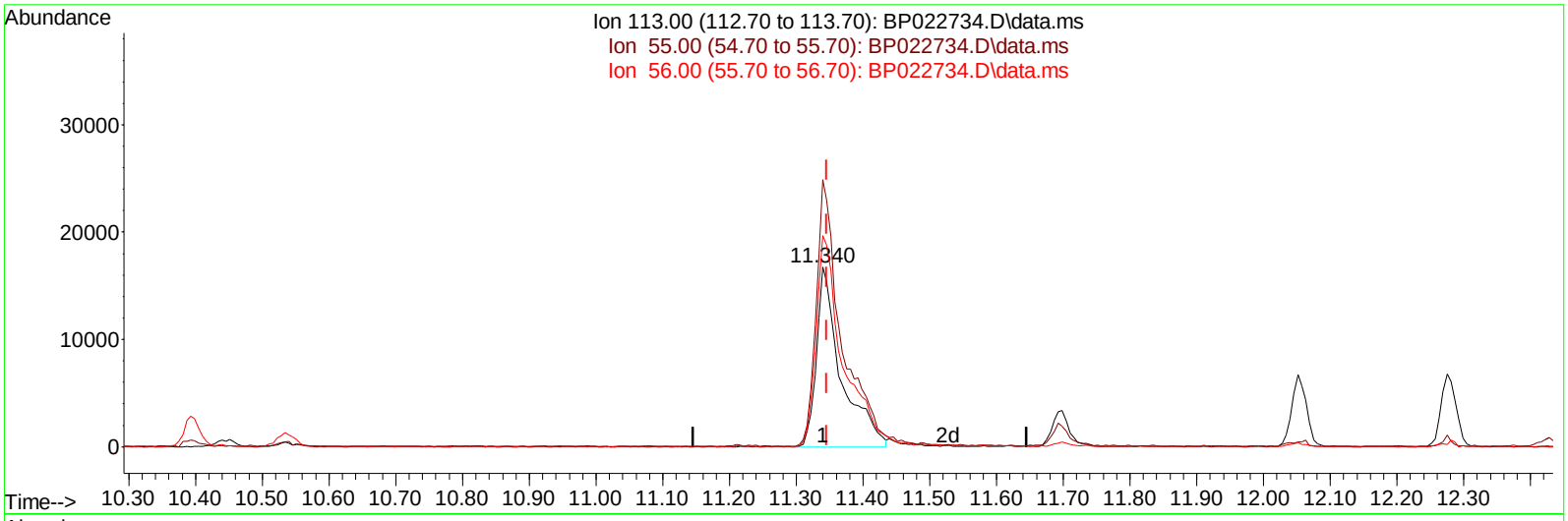
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102924\
Data File : BP022734.D
Acq On : 30 Oct 2024 13:25
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 9 Sample Multiplier: 1

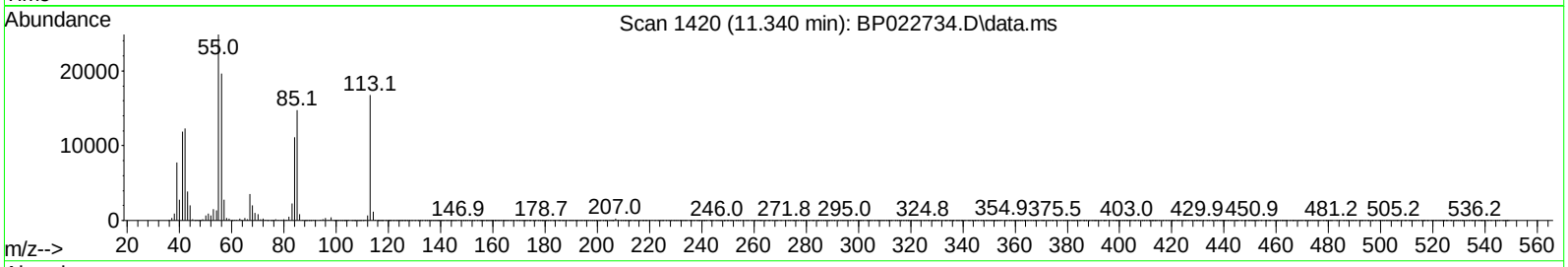
Quant Time: Oct 30 14:47:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

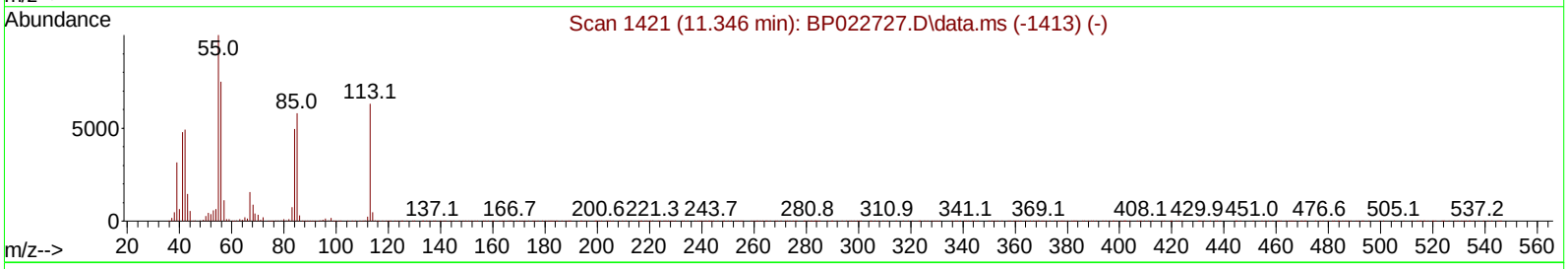
Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024







TIC: BP022734.D\data.ms

(34) Caprolactam

11.340min (-0.006) 18.20 ng/ul

response 42848

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	148.40
56.00	130.00	117.28
0.00	0.00	0.00

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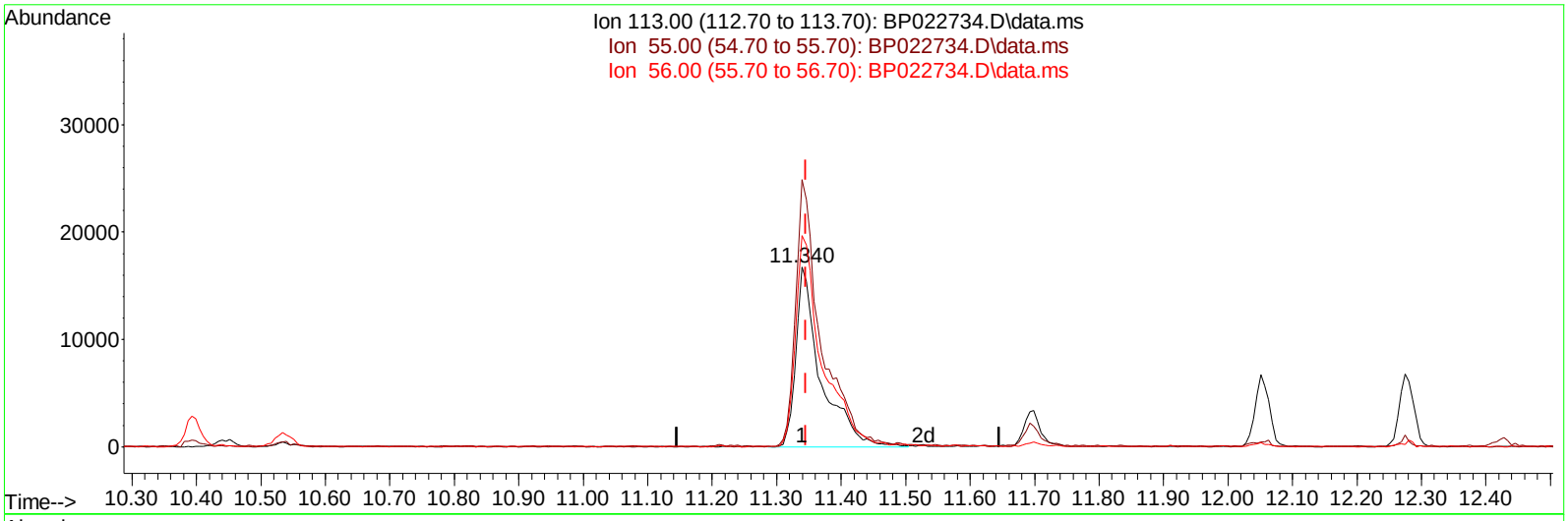

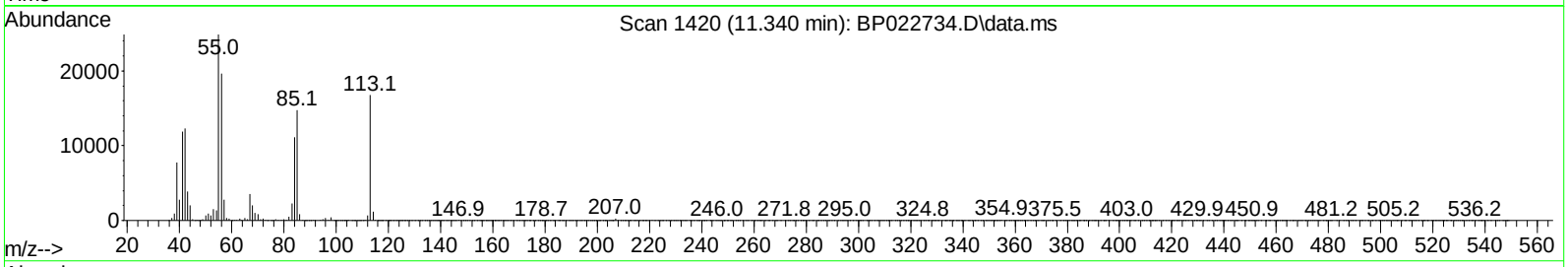

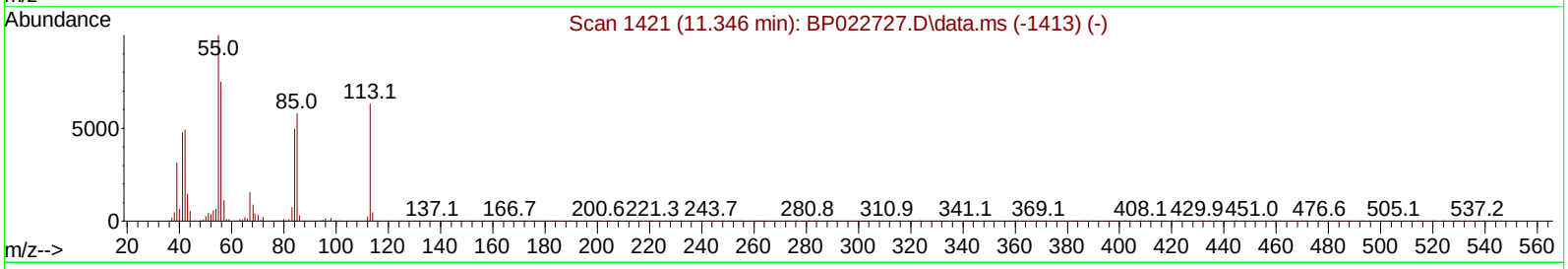

TIC: BP022734.D\data.ms

(34) Caprolactam

11.340min (-0.006) 18.71 ng/ul m

response 44054

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	148.40
56.00	130.00	117.28
0.00	0.00	0.00

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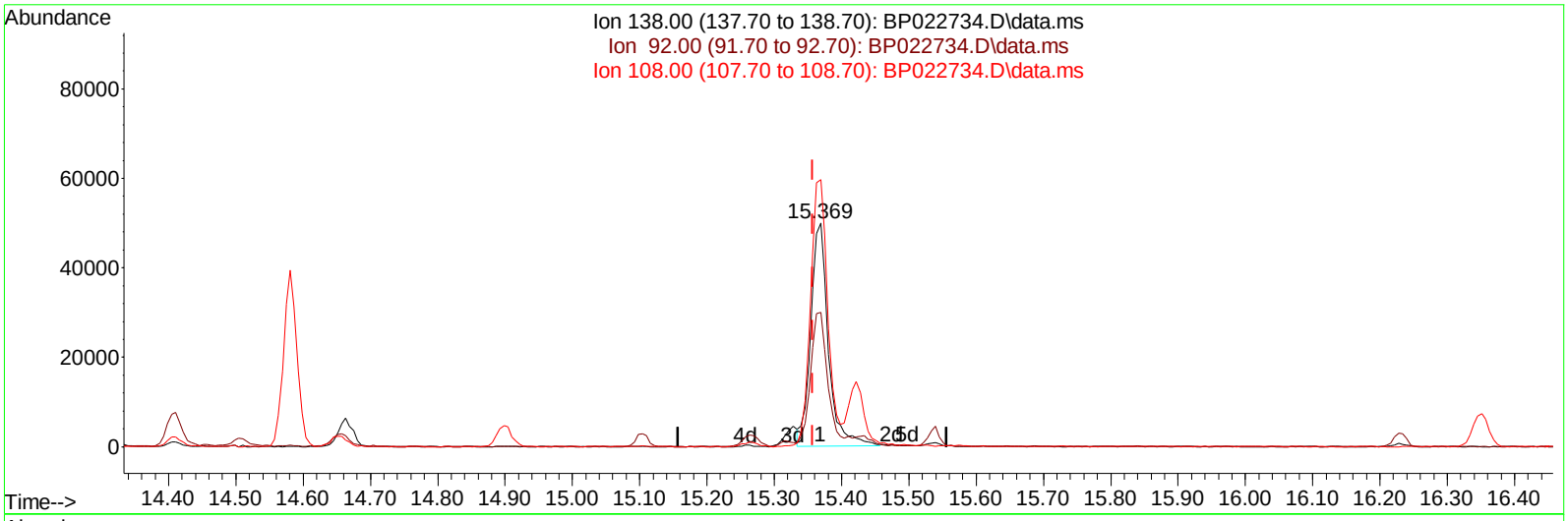

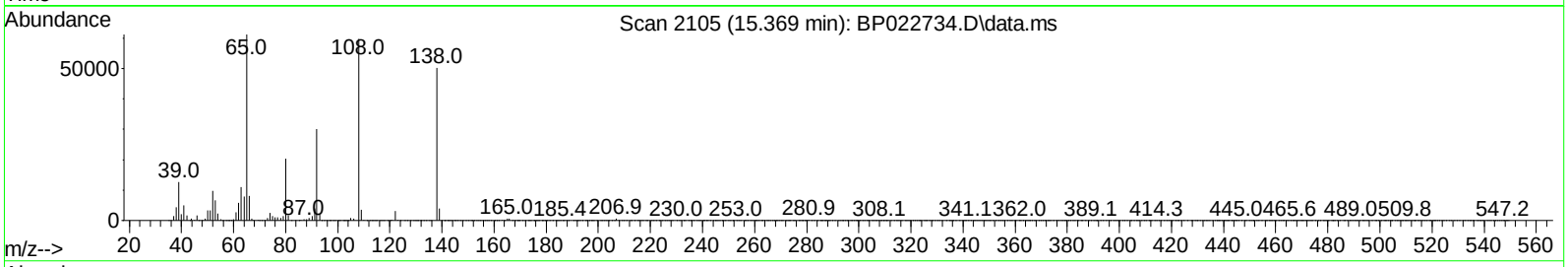

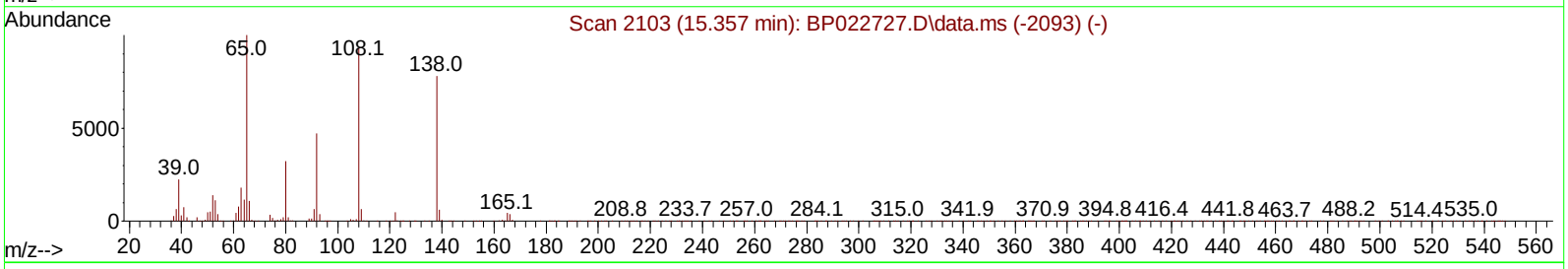

TIC: BP022734.D\data.ms

(63) 4-Nitroaniline

15.369min (+ 0.012) 21.08 ng/ul

response 91336

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.40	59.91
108.00	113.30	119.13
0.00	0.00	0.00

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LabSampleId :
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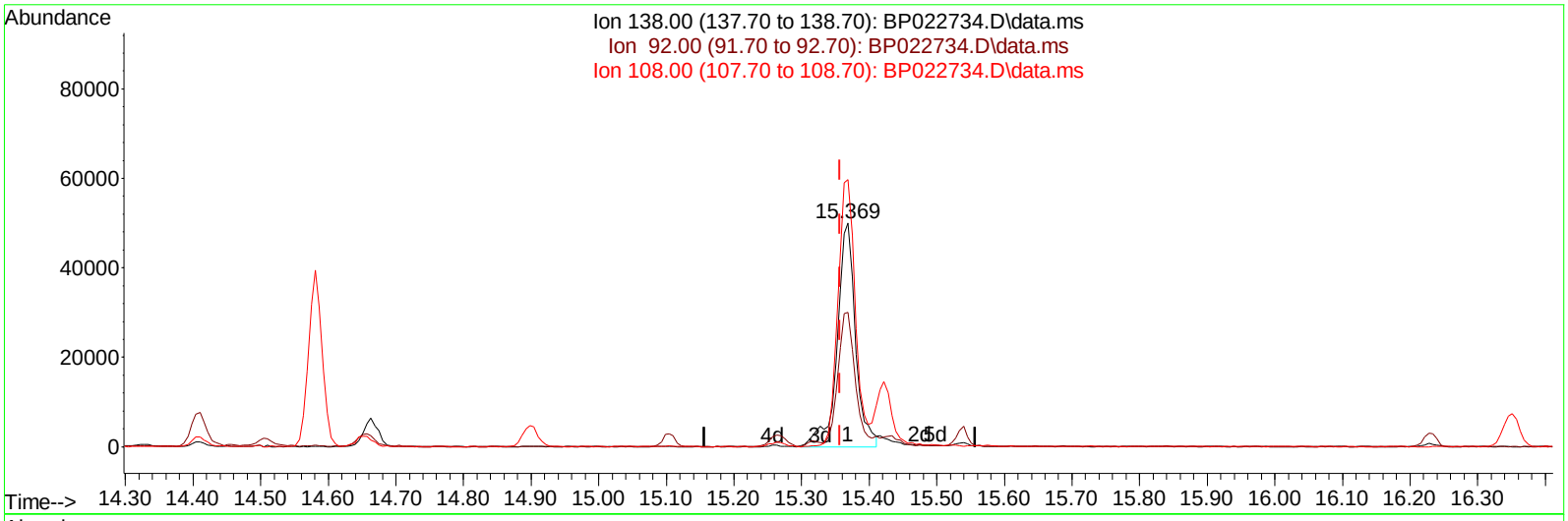

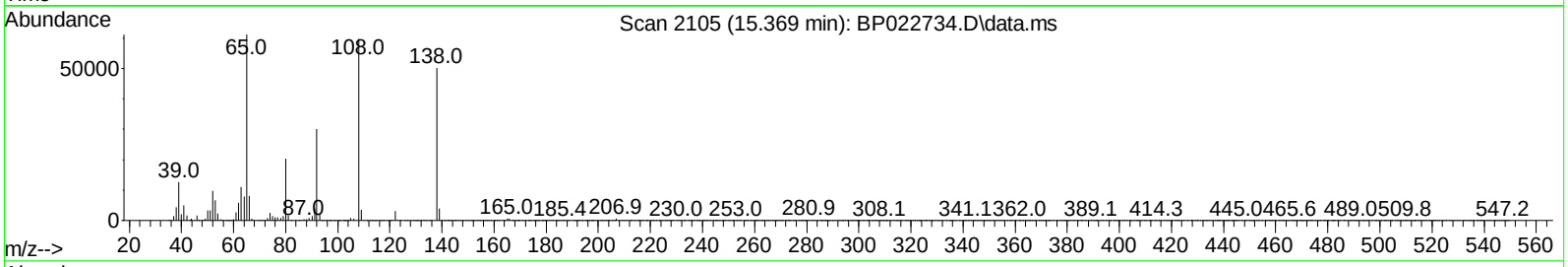

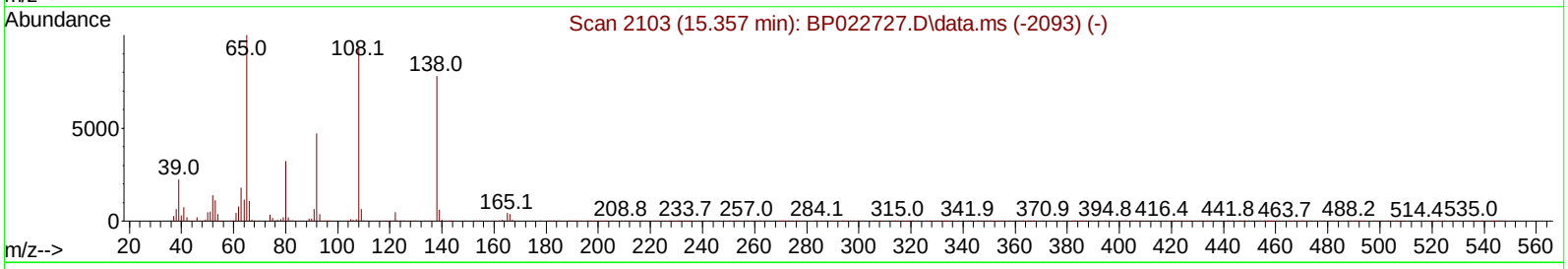

TIC: BP022734.D\data.ms

(63) 4-Nitroaniline

15.369min (+ 0.012) 21.77 ng/ul m

response 94352

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.40	59.91
108.00	113.30	119.13
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	103292	20.000	ng/ul	0.00
20) Naphthalene-d8	10.393	136	391983	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	306215	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	749286	20.000	ng/ul	0.00
79) Chrysene-d12	21.498	240	749637	20.000	ng/ul	0.00
88) Perylene-d12	24.757	264	854521	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	18412	6.927	ng/uL	0.00
4) Pyridine-d5	3.593	84	139854	19.166	ng/ul	0.00
7) Phenol-d5	6.834	99	171565	19.732	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	99811	19.531	ng/ul	0.00
11) 2-Chlorophenol-d4	7.181	132	128347	20.803	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	139669	20.128	ng/ul	0.00
21) Nitrobenzene-d5	8.781	128	64676	21.459	ng/ul	0.00
24) 2-Nitrophenol-d4	9.493	143	76732	21.990	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	162188	21.869	ng/ul	0.00
31) 4-Chloroaniline-d4	10.534	131	175829	20.064	ng/ul	0.00
46) Dimethylphthalate-d6	13.669	166	500517	20.572	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	548500	21.226	ng/ul	0.00
54) 4-Nitrophenol-d4	14.492	143	75330	18.456	ng/ul	-0.02
60) Fluorene-d10	15.263	176	445896	21.130	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.422	200	92073	18.684	ng/ul	0.02
73) Anthracene-d10	17.181	188	738614	20.955	ng/ul	0.01
81) Pyrene-d10	19.545	212	887994	22.400	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.521	264	969969	21.255	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	20896	7.311	ng/uL	98
5) Pyridine	3.611	79	140889	18.830	ng/ul	90
6) Benzaldehyde	6.799	77	105006	22.348	ng/ul	98
8) Phenol	6.863	94	179585	19.852	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.075	93	133901	19.778	ng/ul	98
12) 2-Chlorophenol	7.216	128	133166	20.873	ng/ul	97
13) 2-Methylphenol	8.081	108	132631	20.203	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.146	45	154566	19.644	ng/ul	96
16) Acetophenone	8.452	105	228794	19.972	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.434	70	116107	20.005	ng/ul	99
18) 4-Methylphenol	8.405	108	143968	19.768	ng/ul	92
19) Hexachloroethane	8.693	117	61858	20.819	ng/ul	99
22) Nitrobenzene	8.822	77	181752	20.202	ng/ul	99
23) Isophorone	9.340	82	324023	20.088	ng/ul	98
25) 2-Nitrophenol	9.522	139	80501	21.406	ng/ul	96
26) 2,4-Dimethylphenol	9.587	107	171702	21.006	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.810	93	183635	20.050	ng/ul	99
29) 2,4-Dichlorophenol	10.063	162	159083	21.782	ng/ul	98
30) Naphthalene	10.446	128	435829	20.875	ng/ul	99
32) 4-Chloroaniline	10.557	127	175174	20.251	ng/ul	100
33) Hexachlorobutadiene	10.722	225	132085	21.458	ng/ul	99
34) Caprolactam	11.340	113	44054m	18.710	ng/ul	
35) 4-Chloro-3-methylphenol	11.699	107	169154	21.228	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.051	142	324919	21.201	ng/ul	95
37) 1-Methylnaphthalene	12.275	142	324058	20.717	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.428	216	240346	21.227	ng/ul	96
40) Hexachlorocyclopentadiene	12.398	237	114643	16.619	ng/ul	98
41) 2,4,6-Trichlorophenol	12.681	196	155519	21.836	ng/ul	99
42) 2,4,5-Trichlorophenol	12.763	196	169219	22.314	ng/ul	99
43) 1,1'-Biphenyl	13.081	154	457228	20.716	ng/ul	99
44) 2-Chloronaphthalene	13.122	162	386627	21.398	ng/ul	98
45) 2-Nitroaniline	13.340	65	109110	20.224	ng/ul	96
47) Dimethylphthalate	13.722	163	498215	20.551	ng/ul	100
48) 2,6-Dinitrotoluene	13.840	165	100720	21.965	ng/ul	97
50) Acenaphthylene	13.981	152	552727	20.610	ng/ul	99
51) 3-Nitroaniline	14.175	138	88247	20.490	ng/ul	98
52) Acenaphthene	14.328	153	398316	21.004	ng/ul	98
53) 2,4-Dinitrophenol	14.410	184	53281	15.793	ng/ul	97
55) 4-Nitrophenol	14.504	109	86475	19.089	ng/ul	98
56) Dibenzofuran	14.663	168	592324	20.793	ng/ul	97
57) 2,4-Dinitrotoluene	14.657	165	153353	21.522	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.898	232	155989	22.037	ng/ul	99
59) Diethylphthalate	15.104	149	485242	20.863	ng/ul	99
61) Fluorene	15.328	166	482588	20.791	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.322	204	280323	21.119	ng/ul	99
63) 4-Nitroaniline	15.369	138	94352m	21.771	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.440	198	96829	18.242	ng/ul	98
67) N-Nitrosodiphenylamine	15.540	169	420144	20.939	ng/ul	99
68) 4-Bromophenyl-phenylether	16.234	248	200167	22.153	ng/ul	97
69) Hexachlorobenzene	16.351	284	240681	21.640	ng/ul	97
70) Atrazine	16.522	200	175047	20.987	ng/ul	94
71) Pentachlorophenol	16.722	266	146918	20.544	ng/ul	96
72) Phenanthrene	17.116	178	819421	20.441	ng/ul	99
74) Anthracene	17.210	178	824664	20.614	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.040	216	249538	21.872	ng/uL	98
76) Pentachlorobenzene	14.581	250	275884	21.875	ng/uL	97
77) Carbazole	17.498	167	705054	19.918	ng/ul	99
78) Di-n-butylphthalate	18.075	149	816386	20.844	ng/ul	99
80) Fluoranthene	19.204	202	1064698	23.362	ng/ul#	96
82) Pyrene	19.580	202	1096352	22.445	ng/ul	99
83) Butylbenzylphthalate	20.527	149	367914	21.634	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.404	252	351188	19.653	ng/ul	99
85) Benzo(a)anthracene	21.480	228	1085187	20.650	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.416	149	525109	21.512	ng/ul	99
87) Chrysene	21.551	228	1007626	20.679	ng/ul	100
89) Di-n-octyl phthalate	22.657	149	874692	21.520	ng/ul	100
90) Benzo(b)fluoranthene	23.727	252	1149539	21.371	ng/ul#	98
91) Benzo(k)fluoranthene	23.786	252	1106382	21.009	ng/ul	99
93) Benzo(a)pyrene	24.610	252	1033457	20.876	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.445	276	1390618	21.050	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.527	278	1104638	20.649	ng/ul#	98
96) Benzo(g,h,i)perylene	29.586	276	1059219	20.614	ng/ul	98

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

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