Quantitation Report (Qedit)

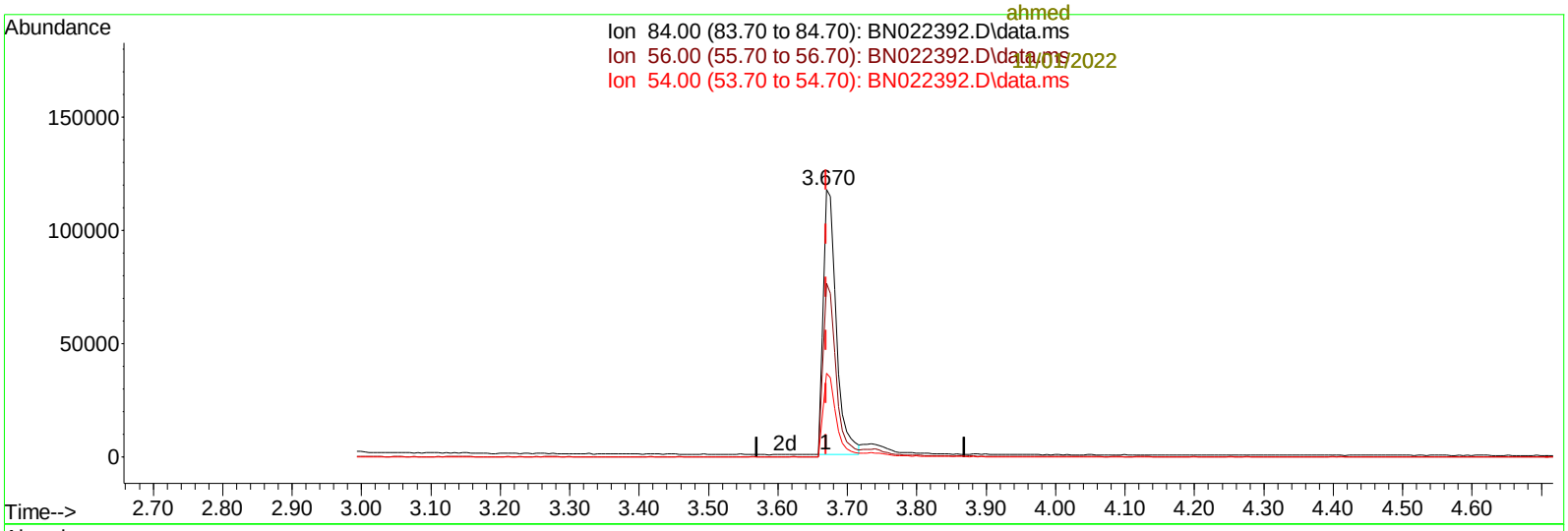
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102922\
Data File : BN022392.D
Acq On : 28 Oct 2022 20:17
Operator : CG/JU
Sample : PB148566BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

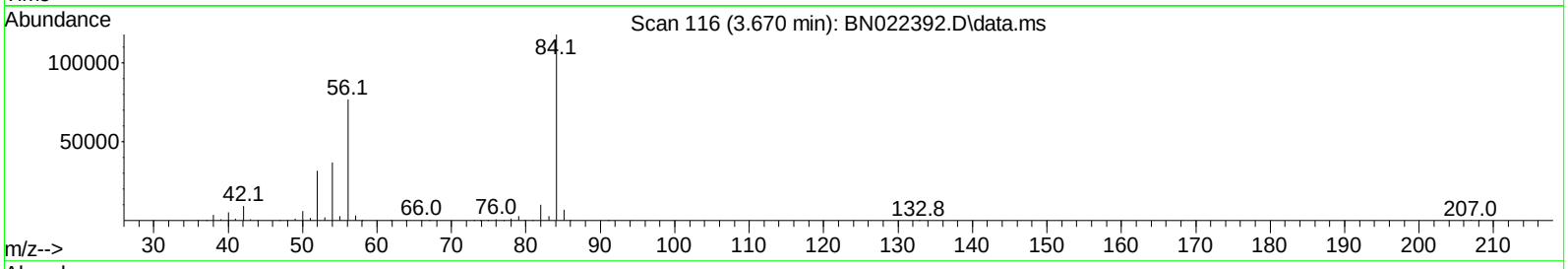
Quant Time: Oct 29 01:11:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 29 00:50:42 2022
Response via : Initial Calibration

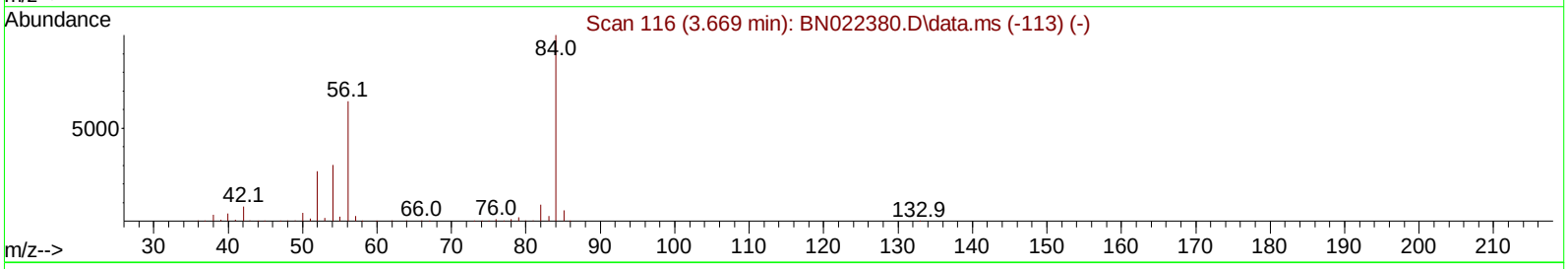
Instrument :
BNA_N
ClientSampleId :
SLCS566

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay
10/31/2022
Supervised By :mohammad ahmed
10/31/2022







TIC: BN022392.D\data.ms

(4) Pyridine-d5 (S)

3.670min (+ 0.000) 12.60 ng/ul

response 153441

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	66.60	65.00
54.00	30.80	31.14
0.00	0.00	0.00

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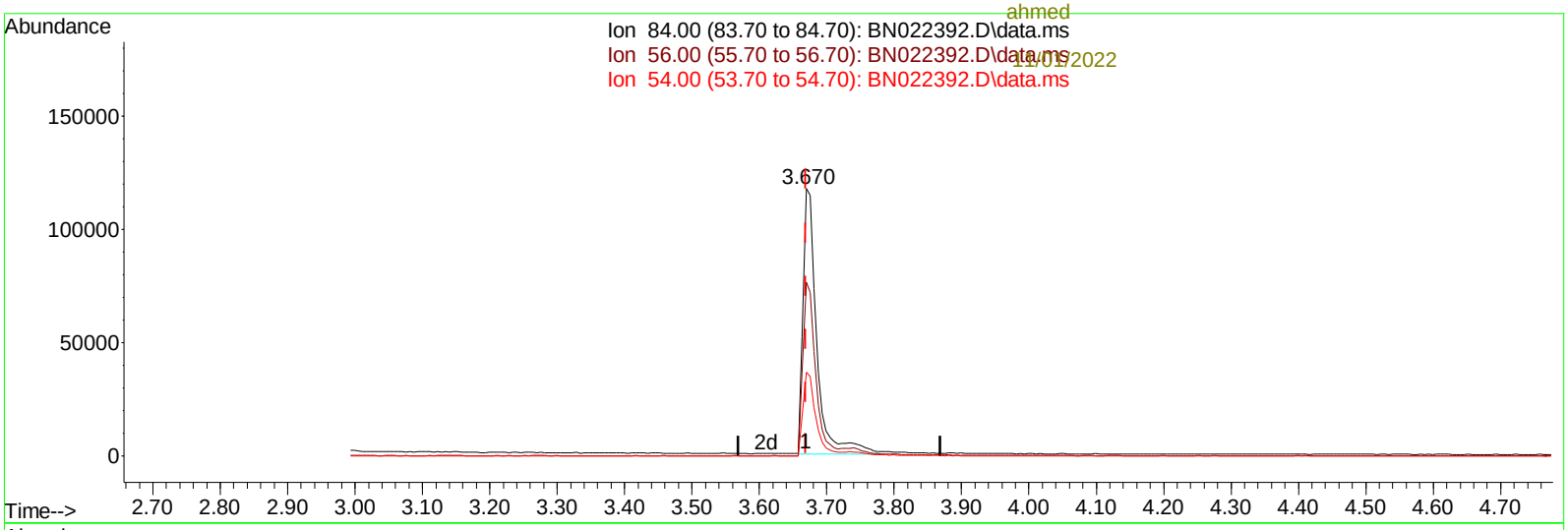

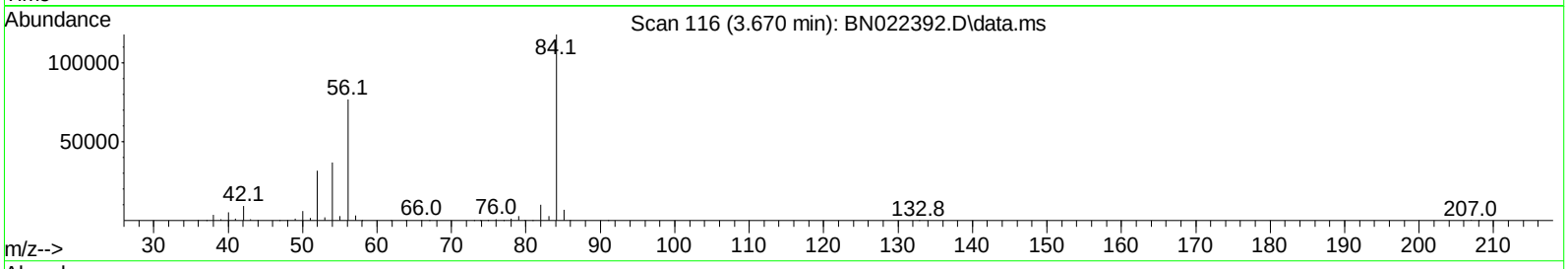

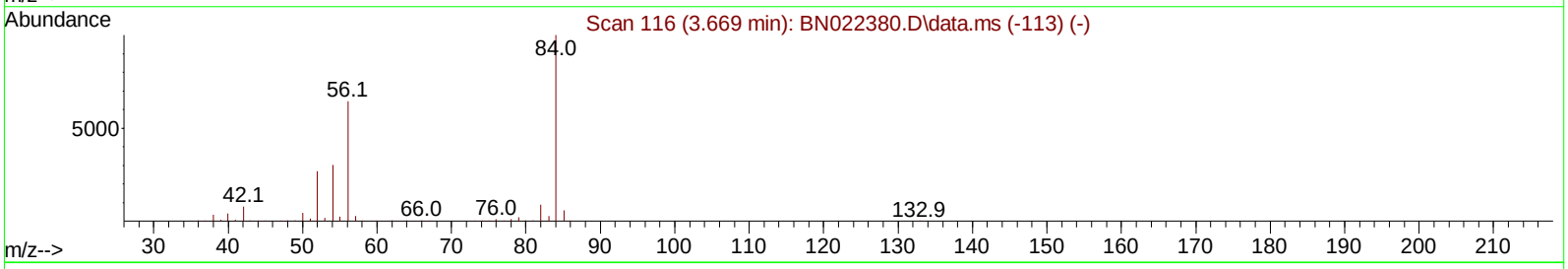

TIC: BN022392.D\data.ms

(4) Pyridine-d5 (S)

3.670min (+ 0.000) 13.61 ng/ul m

response 165751

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	66.60	65.00
54.00	30.80	31.14
0.00	0.00	0.00

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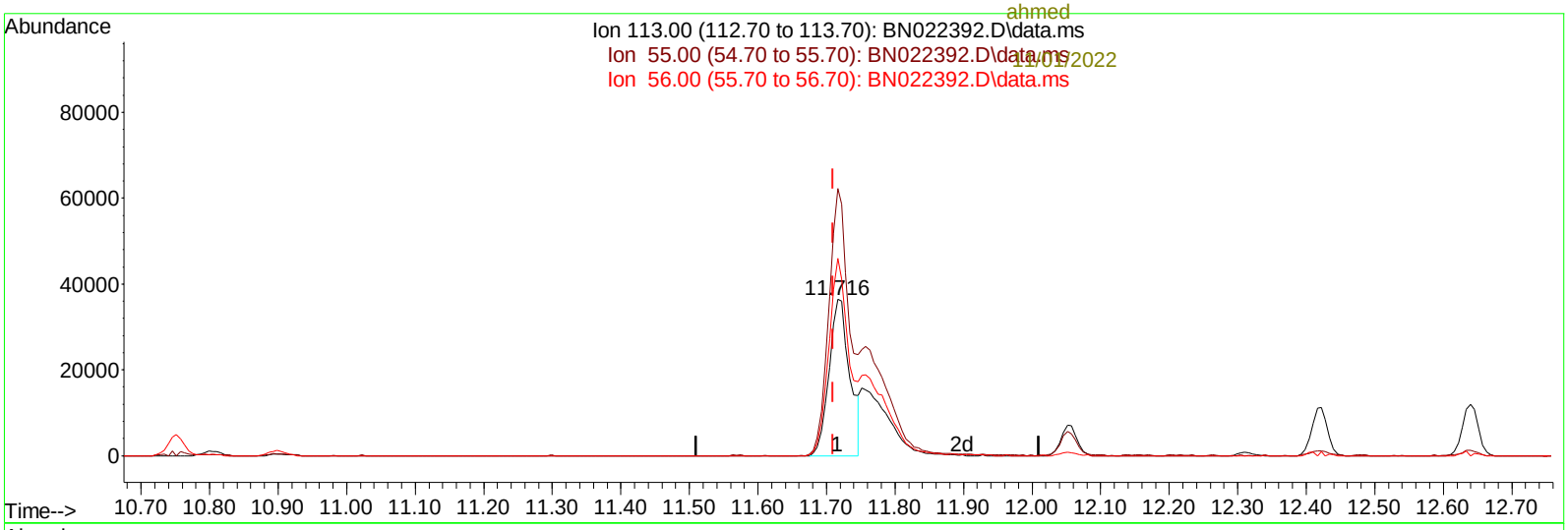

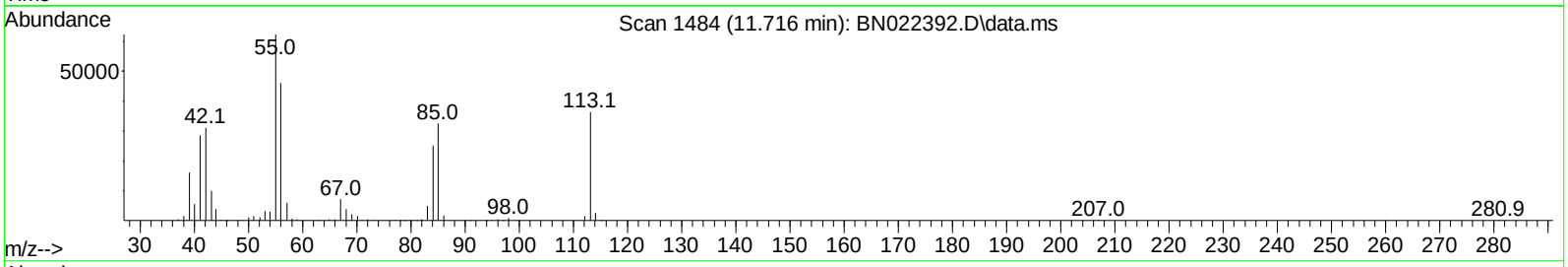

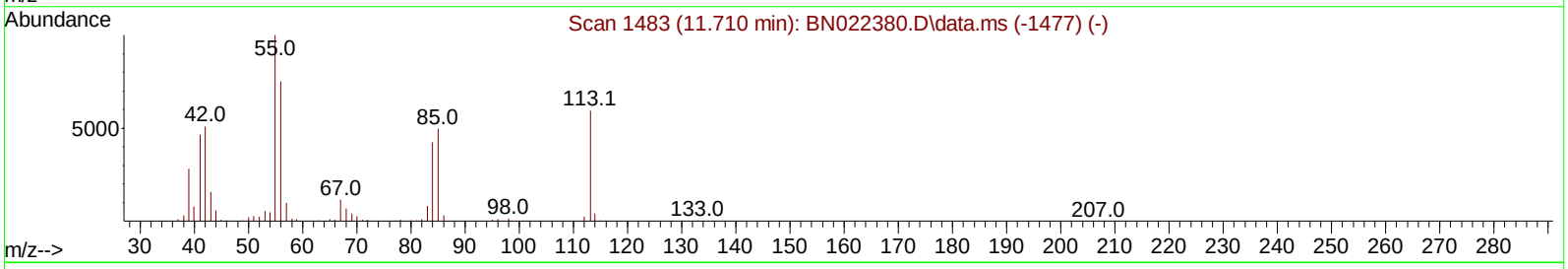

TIC: BN022392.D\data.ms

(34) Caprolactam

11.716min (+ 0.006) 20.03 ng/ul

response 76211

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.40	170.86
56.00	126.70	126.39
0.00	0.00	0.00

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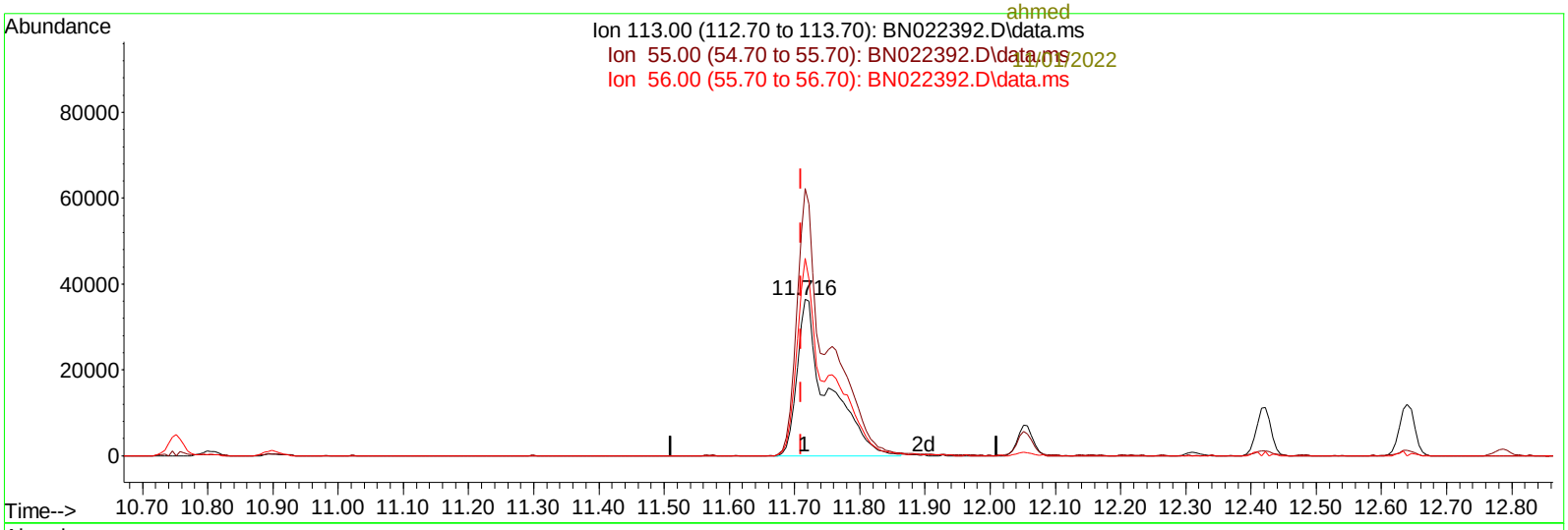

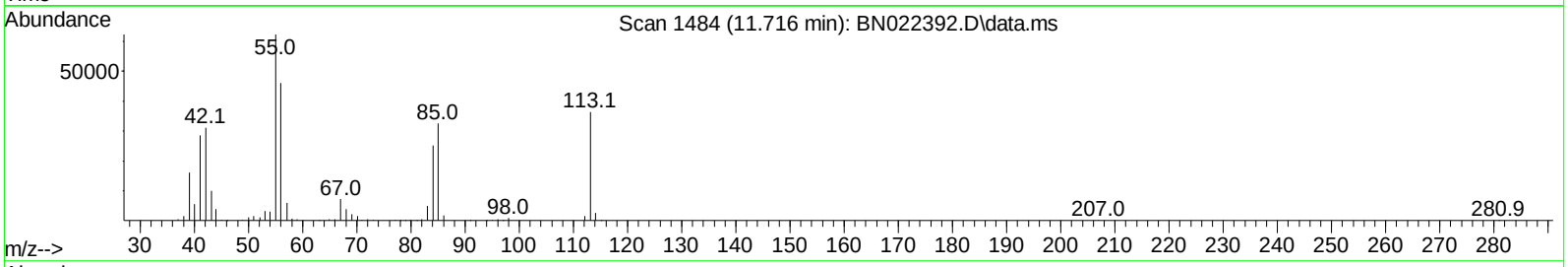

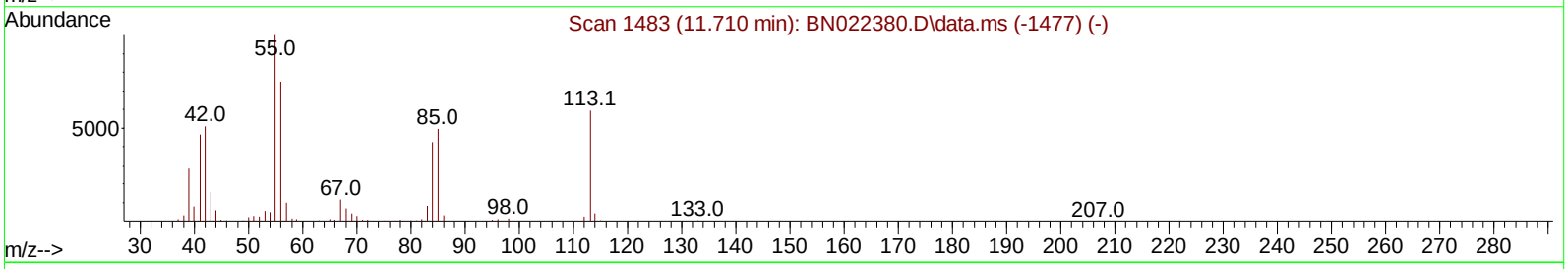

TIC: BN022392.D\data.ms

(34) Caprolactam

11.716min (+ 0.006) 31.71 ng/ul m

response 120631

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.40	170.86
56.00	126.70	126.39
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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10/31/2022
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11/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	148342	20.000	ng/ul	0.00
20) Naphthalene-d8	10.752	136	665553	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	404899	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.357	188	797891	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	587597	20.000	ng/ul	0.00
88) Perylene-d12	24.004	264	486265	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	23244	5.939	ng/uL	0.00
4) Pyridine-d5	3.670	84	165751m	13.614	ng/ul	0.00
7) Phenol-d5	7.087	99	456101	31.451	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	271497	29.876	ng/ul	0.00
11) 2-Chlorophenol-d4	7.452	132	335718	33.388	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	355285	30.832	ng/ul	0.00
21) Nitrobenzene-d5	9.105	128	173876	35.629	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	192064	38.397	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	328966	35.036	ng/ul	0.00
31) 4-Chloroaniline-d4	10.899	131	183620	11.962	ng/ul	0.00
46) Dimethylphthalate-d6	14.010	166	959183	33.984	ng/ul	0.00
49) Acenaphthylene-d8	14.293	160	1108234	35.161	ng/ul	0.00
54) 4-Nitrophenol-d4	14.810	143	192213	31.905	ng/ul	0.00
60) Fluorene-d10	15.592	176	794157	33.359	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	155747	34.216	ng/ul	0.00
73) Anthracene-d10	17.457	188	1212165	34.959	ng/ul	0.00
81) Pyrene-d10	19.757	212	1166879	39.886	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.845	264	845284	35.446	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	48274	11.317	ng/uL	98
5) Pyridine	3.693	79	293723	24.319	ng/ul	92
6) Benzaldehyde	7.058	77	279702	39.056	ng/ul	99
8) Phenol	7.116	94	457085	29.695	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.346	93	352167	28.759	ng/ul	99
12) 2-Chlorophenol	7.481	128	346306	31.191	ng/ul	96
13) 2-Methylphenol	8.381	108	341211	29.649	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.463	45	479476	27.363	ng/ul	99
16) Acetophenone	8.763	105	540644	29.365	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.752	70	284923	29.056	ng/ul	97
18) 4-Methylphenol	8.716	108	377475	29.293	ng/ul	100
19) Hexachloroethane	9.010	117	138860	32.035	ng/ul	99
22) Nitrobenzene	9.152	77	412118	31.980	ng/ul	98
23) Isophorone	9.681	82	808941	31.796	ng/ul	99
25) 2-Nitrophenol	9.863	139	201742	34.175	ng/ul	98
26) 2,4-Dimethylphenol	9.928	107	398351	32.005	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.163	93	499109	31.373	ng/ul	99
29) 2,4-Dichlorophenol	10.399	162	316172	32.289	ng/ul	99
30) Naphthalene	10.804	128	1109624	31.123	ng/ul	99
32) 4-Chloroaniline	10.922	127	309134	19.426	ng/ul	98
33) Hexachlorobutadiene	11.081	225	176126	32.780	ng/ul	98
34) Caprolactam	11.716	113	120631m	31.705	ng/ul	
35) 4-Chloro-3-methylphenol	12.051	107	383742	32.505	ng/ul	97

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Manual IntegrationsAPPROVED

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11/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.422	142	745772	30.289	ng/ul	97
37) 1-Methylnaphthalene	12.640	142	740892	30.049	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.787	216	355945	33.888	ng/ul	93
40) Hexachlorocyclopentadiene	12.763	237	186558	31.771	ng/ul	89
41) 2,4,6-Trichlorophenol	13.034	196	241836	33.766	ng/ul	93
42) 2,4,5-Trichlorophenol	13.104	196	271118	33.992	ng/ul	95
43) 1,1'-Biphenyl	13.434	154	975932	33.017	ng/ul	98
44) 2-Chloronaphthalene	13.475	162	759548	32.887	ng/ul	95
45) 2-Nitroaniline	13.687	65	251644	35.171	ng/ul	97
47) Dimethylphthalate	14.063	163	968830	31.933	ng/ul	99
48) 2,6-Dinitrotoluene	14.187	165	201759	35.503	ng/ul	94
50) Acenaphthylene	14.322	152	1193735	33.165	ng/ul	99
51) 3-Nitroaniline	14.516	138	232970	34.720	ng/ul	95
52) Acenaphthene	14.663	153	808921	31.691	ng/ul	99
53) 2,4-Dinitrophenol	14.728	184	102584	26.648	ng/ul	97
55) 4-Nitrophenol	14.828	109	142974	29.269	ng/ul	97
56) Dibenzofuran	14.998	168	1110883	31.894	ng/ul	99
57) 2,4-Dinitrotoluene	14.975	165	291245	34.983	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.228	232	206075	31.045	ng/ul	97
59) Diethylphthalate	15.422	149	995034	32.289	ng/ul	99
61) Fluorene	15.651	166	878353	31.369	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.645	204	415830	31.694	ng/ul	99
63) 4-Nitroaniline	15.687	138	246478	39.368	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.739	198	158833	32.502	ng/ul	94
67) N-Nitrosodiphenylamine	15.863	169	779284	33.773	ng/ul	97
68) 4-Bromophenyl-phenylether	16.539	248	252206	35.782	ng/ul	86
69) Hexachlorobenzene	16.657	284	286391	33.379	ng/ul#	88
70) Atrazine	16.816	200	113064	14.550	ng/ul	94
71) Pentachlorophenol	17.004	266	130160	24.533	ng/ul	94
72) Phenanthrene	17.398	178	1385445	32.189	ng/ul	97
74) Anthracene	17.492	178	1416065	33.123	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.393	216	357775	35.650	ng/uL	96
76) Pentachlorobenzene	14.916	250	344663	31.997	ng/uL	93
77) Carbazole	17.763	167	1303629	32.967	ng/ul	99
78) Di-n-butylphthalate	18.328	149	1725716	35.213	ng/ul	99
80) Fluoranthene	19.422	202	1476905	40.217	ng/ul	97
82) Pyrene	19.786	202	1519882	39.560	ng/ul	99
83) Butylbenzylphthalate	20.686	149	739697	44.377	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.474	252	408754	32.166	ng/ul	98
85) Benzo(a)anthracene	21.539	228	1233732	32.859	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.457	149	1039361	43.112	ng/ul	98
87) Chrysene	21.592	228	1116629	30.947	ng/ul	97
89) Di-n-octyl phthalate	22.398	149	1590724	46.172	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	1031986	33.649	ng/ul	97
91) Benzo(k)fluoranthene	23.304	252	1038712	34.281	ng/ul	99
93) Benzo(a)pyrene	23.892	252	913991	33.344	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.568	276	1094392	31.943	ng/ul	96
95) Dibenzo(a,h)anthracene	26.586	278	907542	29.608	ng/ul	96
96) Benzo(g,h,i)perylene	27.368	276	911305	29.566	ng/ul	99

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

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