Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032124\
Data File : BM044708.D
Acq On : 21 Mar 2024 19:54
Operator : MA/JU
Sample : PB159719BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

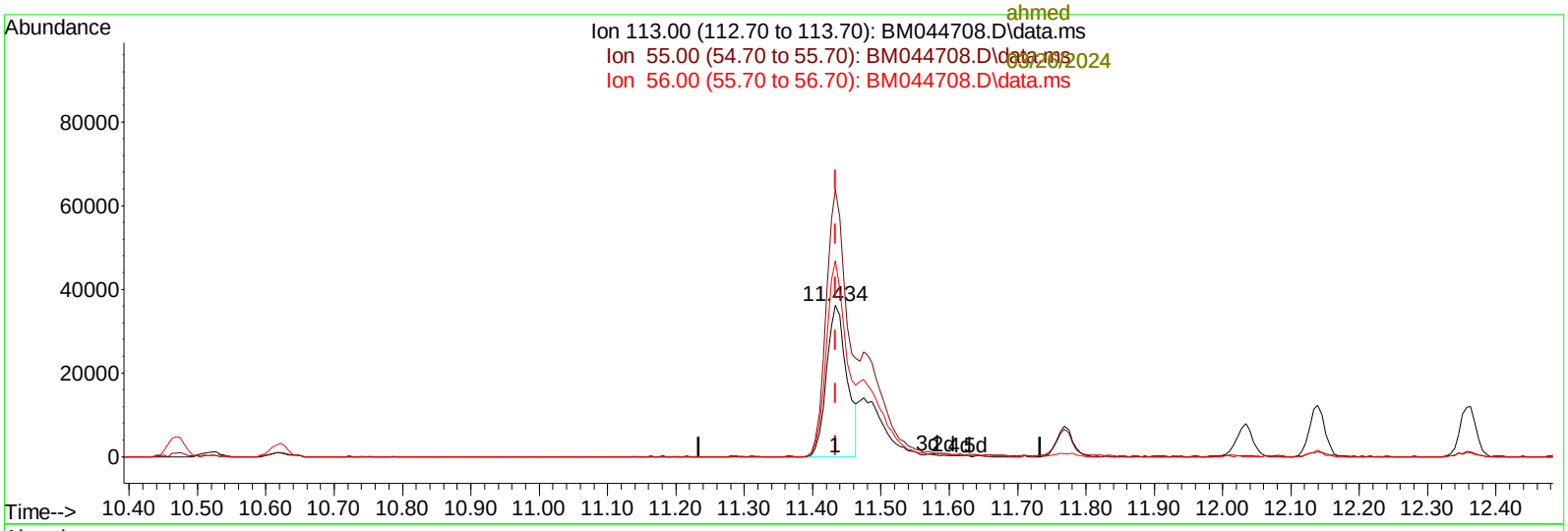
Quant Time: Mar 22 00:26:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 15 11:12:49 2024
Response via : Initial Calibration

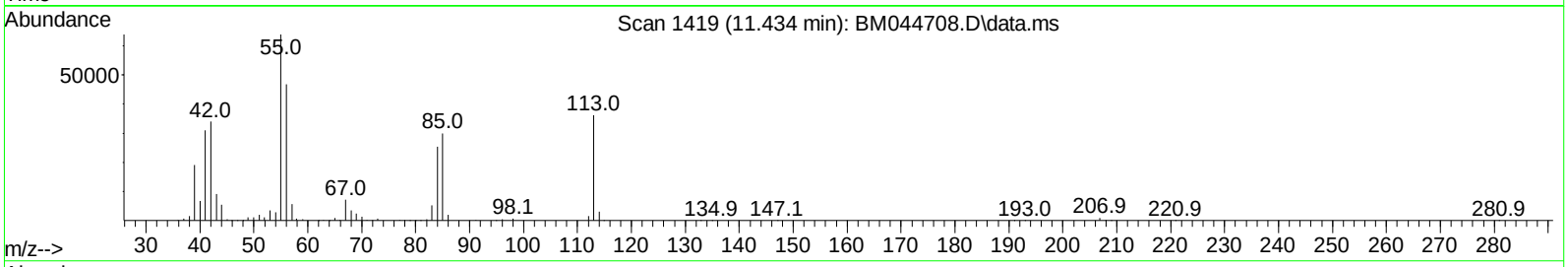
Instrument :
BNA_M
ClientSampleId :
SLCS719

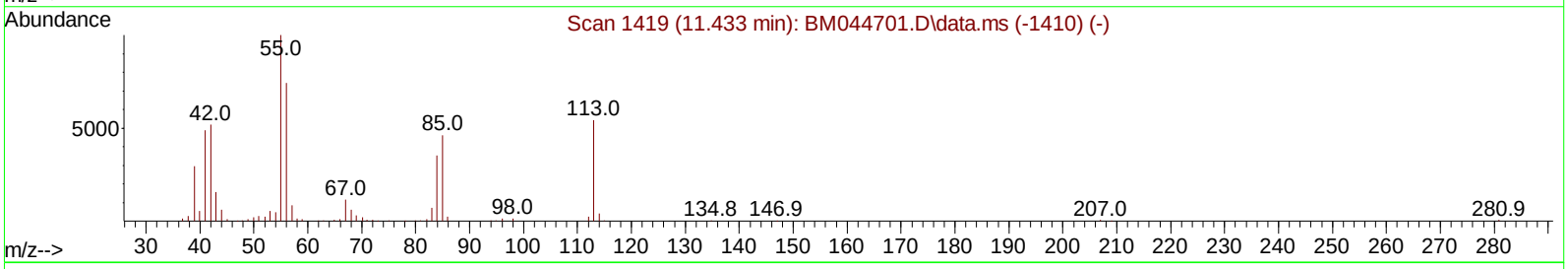
Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

03/22/2024
Supervised By :mohammad ahmed
03/26/2024







TIC: BM044708.D\data.ms

(34) Caprolactam

11.434min (+ 0.000) 18.47 ng/ul

response 75016

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	176.59
56.00	127.70	129.54
0.00	0.00	0.00

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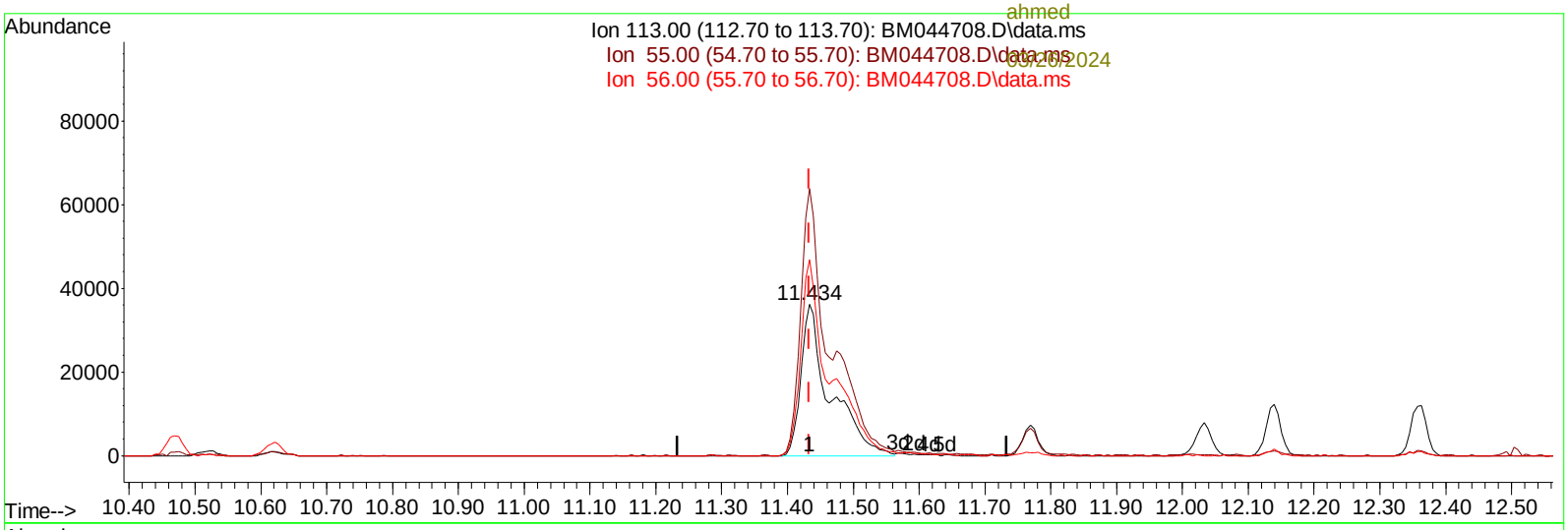

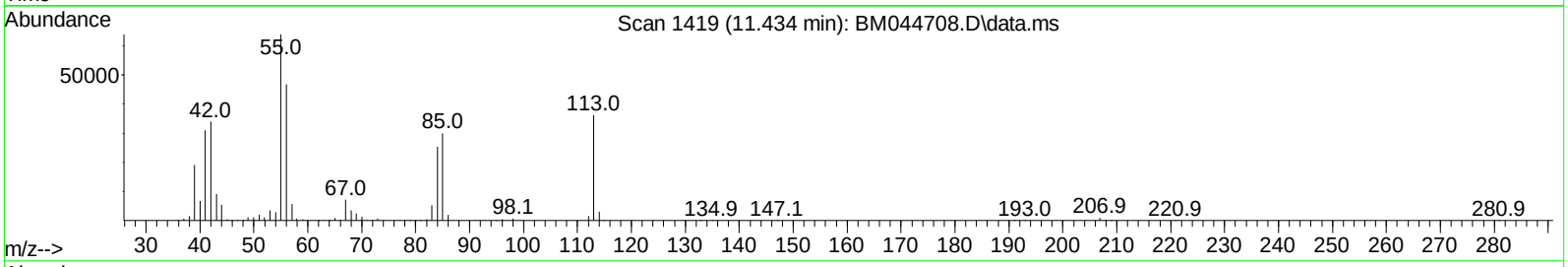

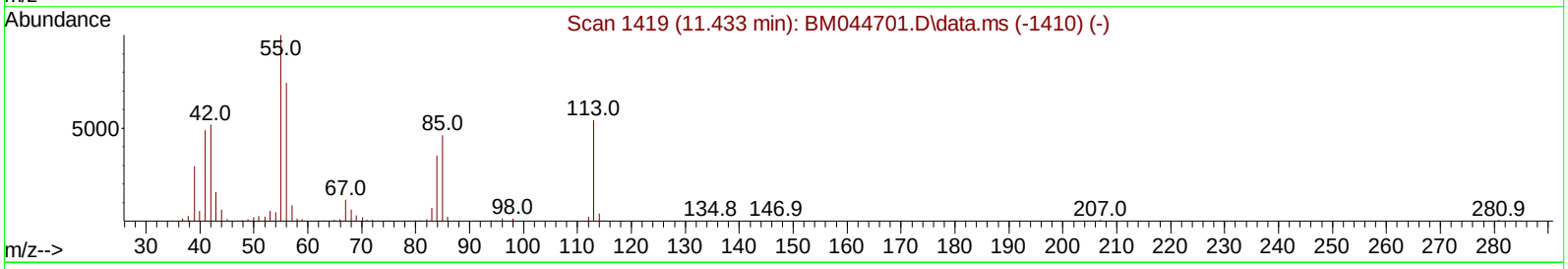

TIC: BM044708.D\data.ms

(34) Caprolactam

11.434min (+ 0.000) 27.48 ng/ul m

response 111576

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	176.59
56.00	127.70	129.54
0.00	0.00	0.00

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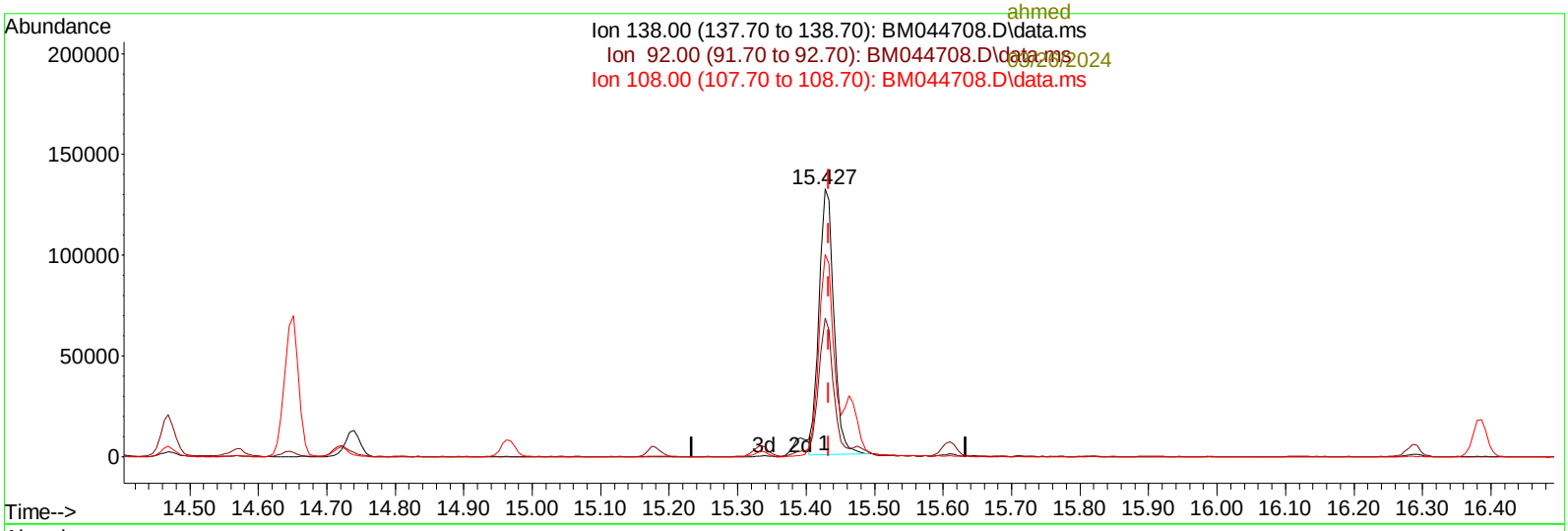

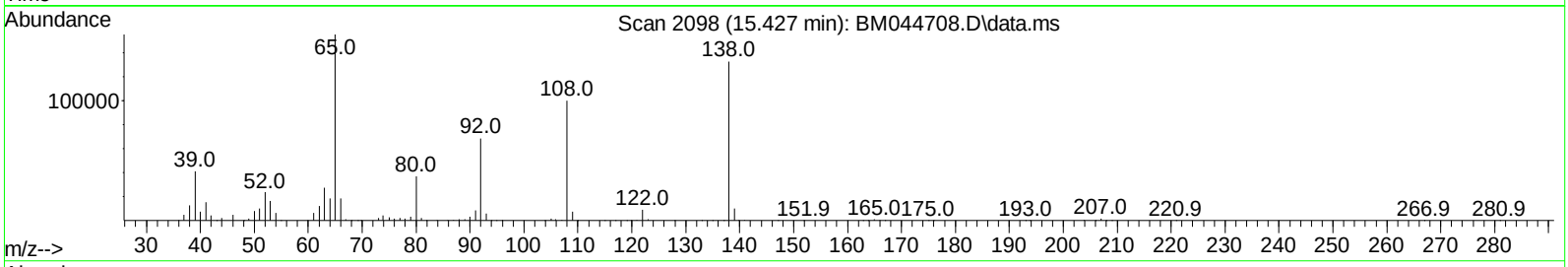

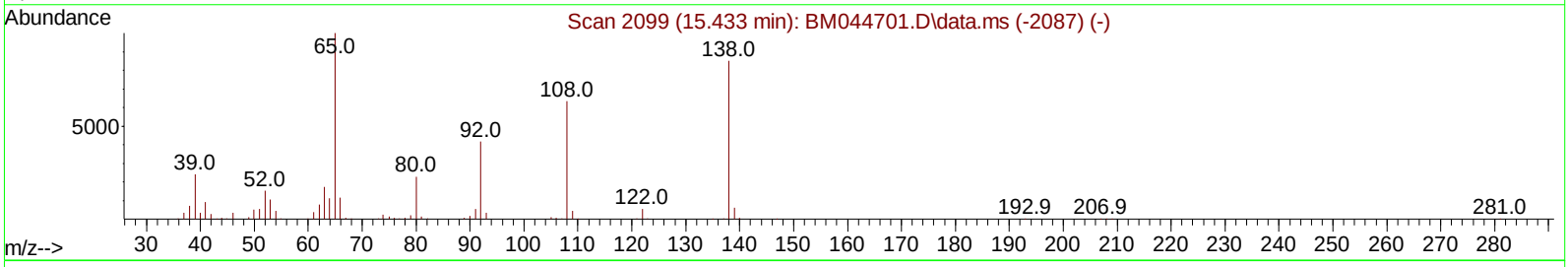

TIC: BM044708.D\data.ms

(63) 4-Nitroaniline

15.427min (-0.006) 31.48 ng/ul

response 199863

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	51.76
108.00	68.30	75.49
0.00	0.00	0.00

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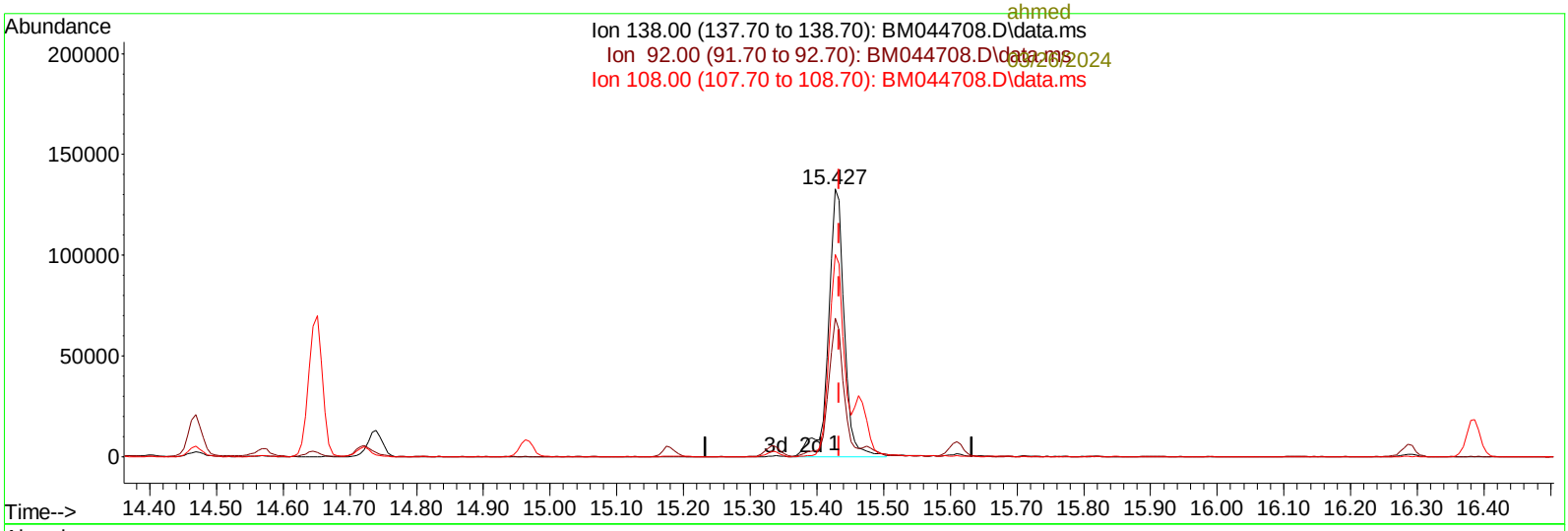

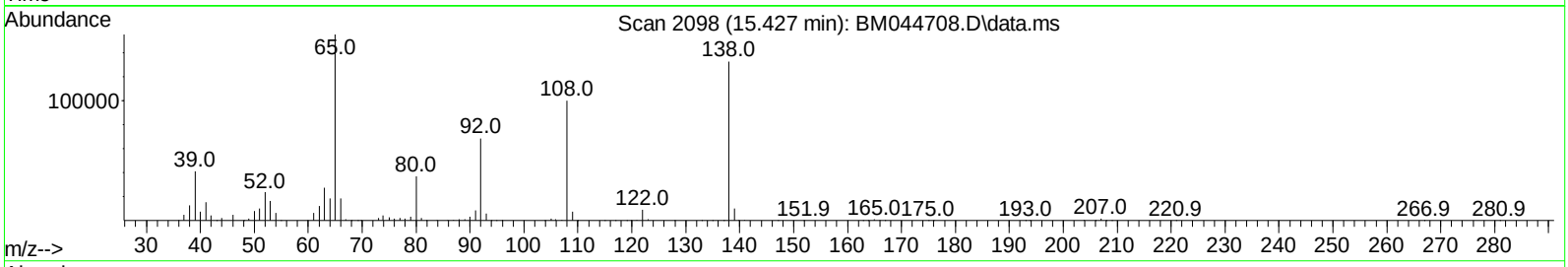

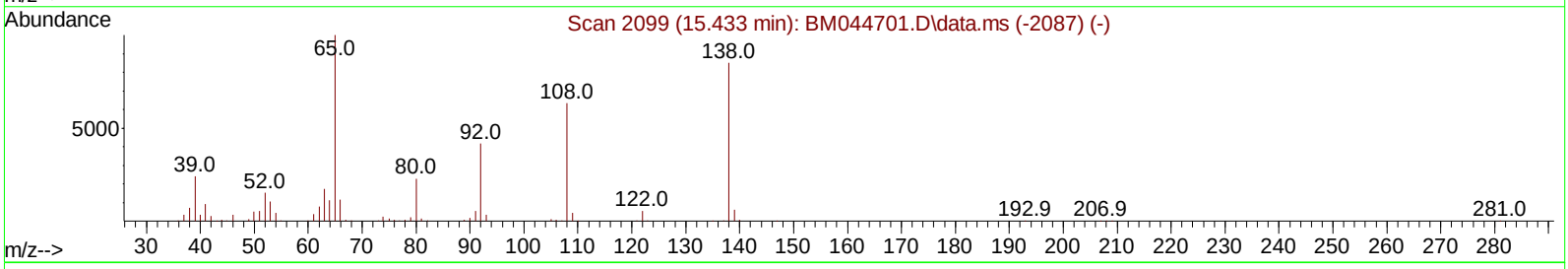

TIC: BM044708.D\data.ms

(63) 4-Nitroaniline

15.427min (-0.006) 34.84 ng/ul m

response 221192

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	51.76
108.00	68.30	75.49
0.00	0.00	0.00

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Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

03/22/2024
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03/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	162231	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	676021	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.333	164	385751	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.092	188	706051	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	598620	20.000	ng/ul	0.00
88) Perylene-d12	23.533	264	684811	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	29405	6.148	ng/uL	0.00
4) Pyridine-d5	3.652	84	404934	28.763	ng/ul	0.00
7) Phenol-d5	6.869	99	511110	30.644	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	321392	31.196	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.222	132	405988	33.123	ng/ul	-0.01
15) 4-Methylphenol-d8	8.398	113	398513	30.423	ng/ul	0.00
21) Nitrobenzene-d5	8.851	128	198195	34.817	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	218927	35.675	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.092	165	377041	36.101	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.616	131	470232	27.109	ng/ul	-0.01
46) Dimethylphthalate-d6	13.757	166	1000931	33.078	ng/ul	-0.01
49) Acenaphthylene-d8	14.027	160	1185432	34.254	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	185376	29.541	ng/ul	0.00
60) Fluorene-d10	15.333	176	845650	33.256	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.469	200	160722	35.068	ng/ul	0.00
73) Anthracene-d10	17.192	188	1220183	36.155	ng/ul	0.00
81) Pyrene-d10	19.492	212	1318137	35.902	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.392	264	1316781	36.583	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	57879	11.688	ng/uL	95
5) Pyridine	3.669	79	396172	27.132	ng/ul	96
6) Benzaldehyde	6.851	77	210040	28.912	ng/ul	93
8) Phenol	6.893	94	517849	30.421	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.134	93	426194	30.491	ng/ul	96
12) 2-Chlorophenol	7.257	128	409486	32.390	ng/ul	98
13) 2-Methylphenol	8.134	108	386492	29.920	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.216	45	616611	33.404	ng/ul	97
16) Acetophenone	8.516	105	609480	30.001	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.504	70	316601	30.164	ng/ul	92
18) 4-Methylphenol	8.463	108	416429	29.615	ng/ul	95
19) Hexachloroethane	8.745	117	175396	33.869	ng/ul	98
22) Nitrobenzene	8.892	77	467899	34.660	ng/ul	96
23) Isophorone	9.416	82	899638	32.664	ng/ul	98
25) 2-Nitrophenol	9.598	139	227562	34.014	ng/ul	99
26) 2,4-Dimethylphenol	9.657	107	401001	32.941	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.904	93	560063	32.333	ng/ul	98
29) 2,4-Dichlorophenol	10.122	162	363946	34.904	ng/ul	99
30) Naphthalene	10.522	128	1293177	33.775	ng/ul	99
32) 4-Chloroaniline	10.645	127	325613	19.472	ng/ul	98
33) Hexachlorobutadiene	10.786	225	218913	37.458	ng/ul	97
34) Caprolactam	11.434	113	111576m	27.478	ng/ul	
35) 4-Chloro-3-methylphenol	11.769	107	384028	31.760	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.139	142	839115	32.957	ng/ul	99
37) 1-Methylnaphthalene	12.357	142	819745	32.637	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.504	216	399328	36.387	ng/ul	99
40) Hexachlorocyclopentadiene	12.475	237	257314	35.321	ng/ul	99
41) 2,4,6-Trichlorophenol	12.757	196	251281	32.662	ng/ul	99
42) 2,4,5-Trichlorophenol	12.828	196	272147	33.008	ng/ul	97
43) 1,1'-Biphenyl	13.163	154	1054157	34.414	ng/ul	100
44) 2-Chloronaphthalene	13.204	162	825246	34.331	ng/ul	99
45) 2-Nitroaniline	13.427	65	250561	33.203	ng/ul	98
47) Dimethylphthalate	13.810	163	996331	32.357	ng/ul	100
48) 2,6-Dinitrotoluene	13.933	165	200286	32.565	ng/ul	99
50) Acenaphthylene	14.057	152	1350536	33.483	ng/ul	100
51) 3-Nitroaniline	14.263	138	199653	30.053	ng/ul	97
52) Acenaphthene	14.398	153	890806	33.595	ng/ul	99
53) 2,4-Dinitrophenol	14.469	184	106548	27.083	ng/ul	97
55) 4-Nitrophenol	14.569	109	136250	30.989	ng/ul	90
56) Dibenzofuran	14.739	168	1176567	33.358	ng/ul	100
57) 2,4-Dinitrotoluene	14.722	165	283440	31.926	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.963	232	203860	29.878	ng/ul	97
59) Diethylphthalate	15.180	149	1025060	32.077	ng/ul	99
61) Fluorene	15.392	166	953976	33.070	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.392	204	458509	34.246	ng/ul	99
63) 4-Nitroaniline	15.427	138	221192m	34.837	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.480	198	166911	34.080	ng/ul	98
67) N-Nitrosodiphenylamine	15.610	169	785287	36.929	ng/ul	100
68) 4-Bromophenyl-phenylether	16.286	248	271517	38.447	ng/ul	99
69) Hexachlorobenzene	16.386	284	310212	38.565	ng/ul	96
70) Atrazine	16.574	200	93110	13.399	ng/ul	97
71) Pentachlorophenol	16.739	266	164749	31.017	ng/ul	98
72) Phenanthrene	17.133	178	1424094	35.556	ng/ul	100
74) Anthracene	17.227	178	1444298	35.656	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.122	216	391247	41.487	ng/uL	99
76) Pentachlorobenzene	14.651	250	372964	40.907	ng/uL	98
77) Carbazole	17.504	167	1320692	34.697	ng/ul	100
78) Di-n-butylphthalate	18.074	149	1719694	33.588	ng/ul	100
80) Fluoranthene	19.157	202	1556141	35.590	ng/ul	97
82) Pyrene	19.521	202	1610780	35.385	ng/ul	98
83) Butylbenzylphthalate	20.439	149	747032	33.374	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.215	252	452661	34.957	ng/ul	99
85) Benzo(a)anthracene	21.274	228	1550523	34.491	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	1129617	34.613	ng/ul	99
87) Chrysene	21.327	228	1442114	34.650	ng/ul	100
89) Di-n-octyl phthalate	22.109	149	1963244	32.034	ng/ul	100
90) Benzo(b)fluoranthene	22.862	252	1593220	34.769	ng/ul	99
91) Benzo(k)fluoranthene	22.909	252	1503641	33.504	ng/ul	98
93) Benzo(a)pyrene	23.439	252	1499762	34.988	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.803	276	1848647	38.451	ng/ul	99
95) Dibenzo(a,h)anthracene	25.815	278	1561076	38.941	ng/ul	98
96) Benzo(g,h,i)perylene	26.491	276	1502225	39.154	ng/ul	98

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

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