Quantitation Report (QT Reviewed)

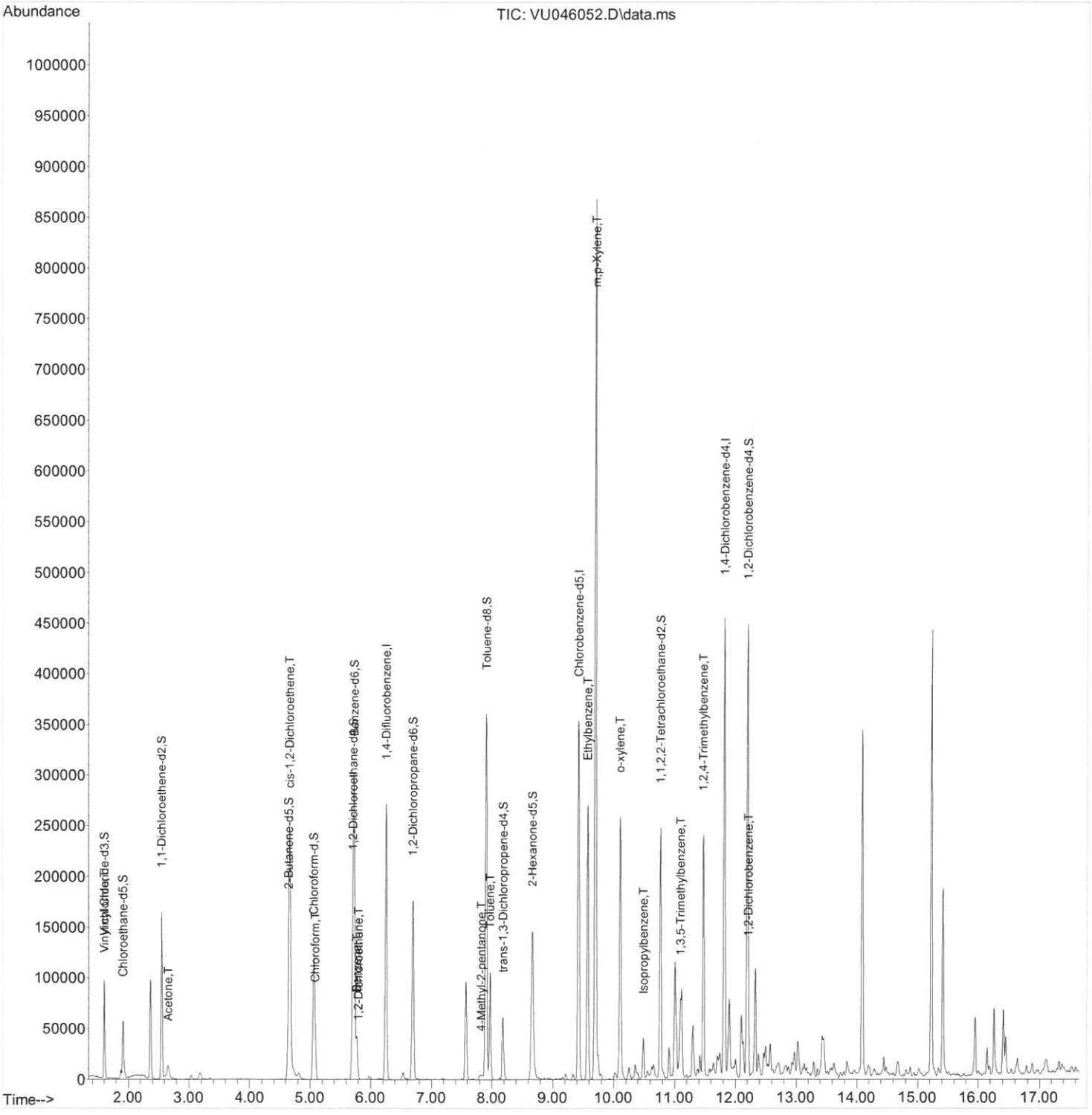
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046052.D
Acq On : 02 Dec 2021 15:12
Operator : SY/MD
Sample : M4868-01
Misc : 4.97g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 03 05:11:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BGKN8

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/03/2021



Quantitation Report (Qedit)

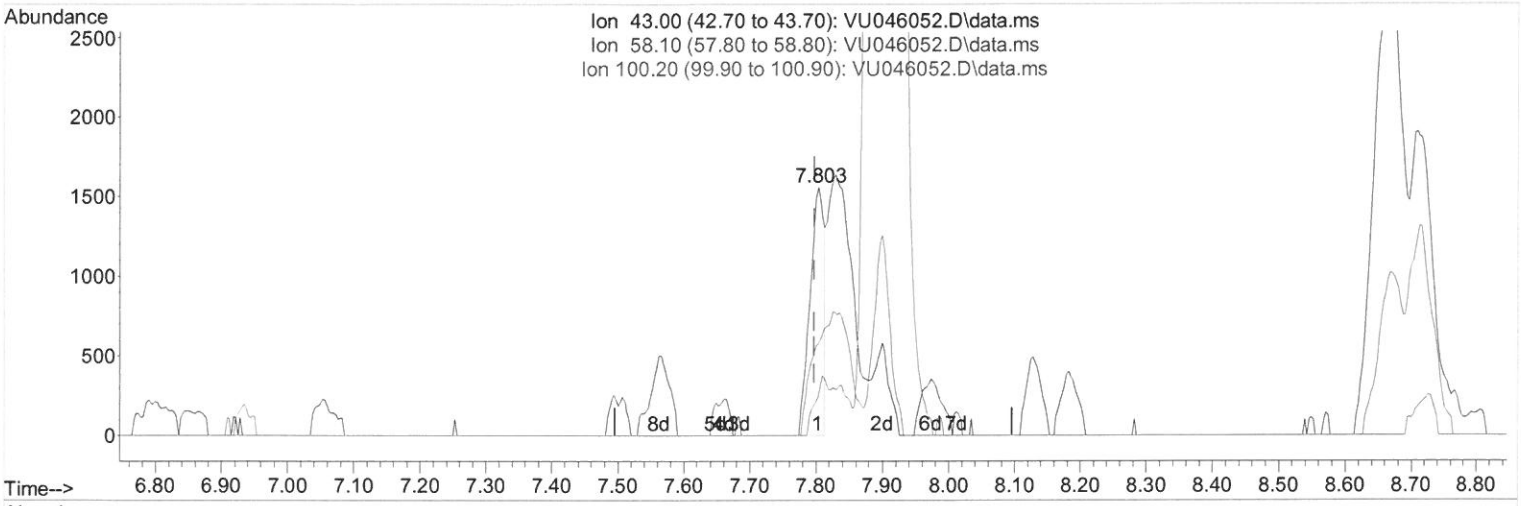
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046052.D
Acq On : 02 Dec 2021 15:12
Operator : SY/MD
Sample : M4868-01
Misc : 4.97g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

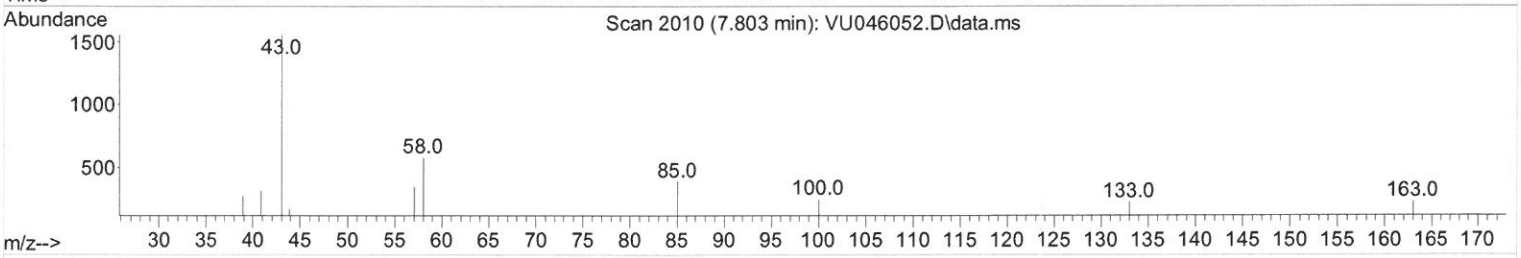
Quant Time: Dec 03 05:11:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

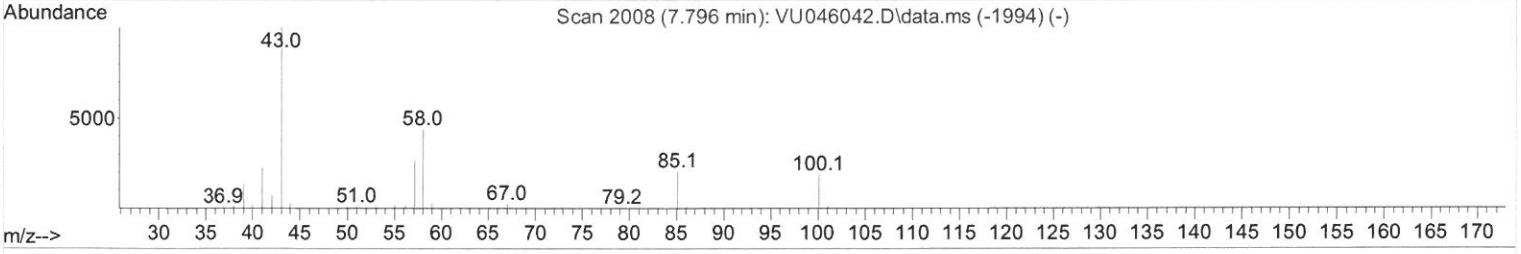
Instrument :
MSVOA_U
ClientSampleId :
BGKN8

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/03/2021







TIC: VU046052.D\data.ms

(40) 4-Methyl-2-pentanone (T)

7.803min (+ 0.006) 0.86 ug/L

response 2289

Ion	Exp%	Act%
43.00	100.00	100.00
58.10	42.80	126.82#
100.20	18.10	21.63
0.00	0.00	0.00

Quantitation Report (Qedit)

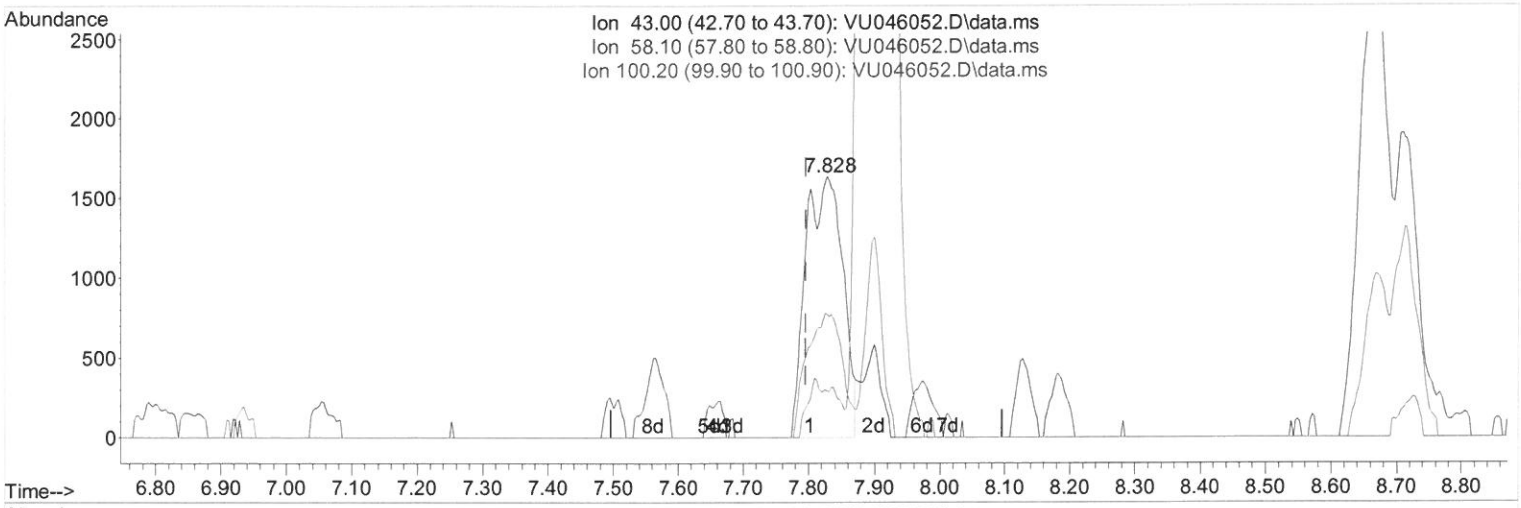
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046052.D
Acq On : 02 Dec 2021 15:12
Operator : SY/MD
Sample : M4868-01
Misc : 4.97g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

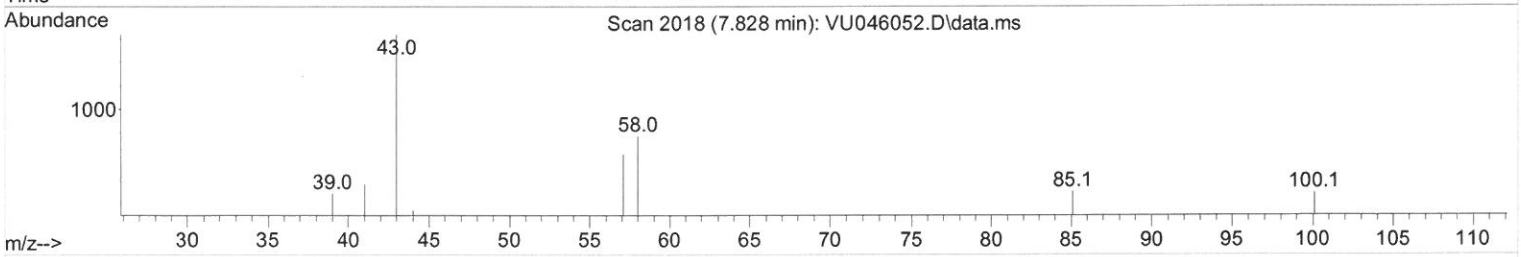
Quant Time: Dec 03 05:11:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

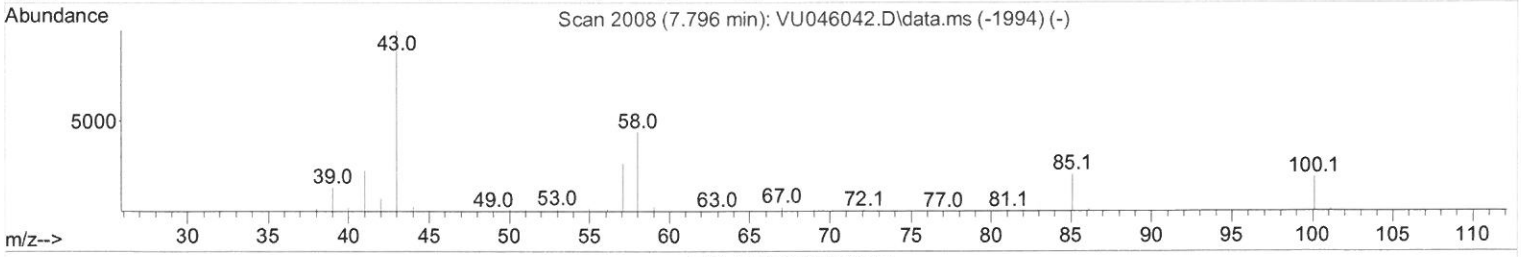
Instrument :
MSVOA_U
ClientSampleId :
BGKN8

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/03/2021







TIC: VU046052.D\data.ms

(40) 4-Methyl-2-pentanone (T)

7.828min (+ 0.032) 2.40 ug/L m

RD 12/01/21

response 6374

Ion	Exp%	Act%
43.00	100.00	100.00
58.10	42.80	45.54
100.20	18.10	7.77#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046052.D
Acq On : 02 Dec 2021 15:12
Operator : SY/MD
Sample : M4868-01
Misc : 4.97g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 03 05:11:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BGKN8

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/03/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	230137	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	227712	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	118312	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	67782	35.755	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 71.500%			
7) Chloroethane-d5	1.912	69	47116	32.370	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 64.740%#			
11) 1,1-Dichloroethene-d2	2.549	63	97312	28.594	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 57.180%#			
21) 2-Butanone-d5	4.645	46	110948	73.620	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 73.620%			
24) Chloroform-d	5.063	84	108774	34.359	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 68.720%#			
26) 1,2-Dichloroethane-d4	5.703	65	86907	40.905	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.800%			
32) Benzene-d6	5.726	84	276779	42.408	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.820%			
36) 1,2-Dichloropropane-d6	6.690	67	87412	43.215	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.440%			
41) Toluene-d8	7.899	98	249135	41.925	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.840%			
43) trans-1,3-Dichloroprop...	8.182	79	42237	43.257	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.520%			
47) 2-Hexanone-d5	8.664	63	79132	82.511	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery = 82.510%			
56) 1,1,2,2-Tetrachloroeth...	10.767	84	119943	39.101	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 78.200%			
66) 1,2-Dichlorobenzene-d4	12.198	152	101381	44.495	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	10510	4.654	ug/L	96
13) Acetone	2.661	43	25184	13.371	ug/L	91
20) cis-1,2-Dichloroethene	4.665	96	115262	63.081	ug/L	96
25) Chloroform	5.089	83	23817	7.001	ug/L	95
27) 1,2-Dichloroethane	5.793	62	2847	1.128	ug/L	98
33) Benzene	5.771	78	41573	6.032	ug/L	100
40) 4-Methyl-2-pentanone	7.828	43	6374m	2.403	ug/L	
42) Toluene	7.970	91	81103	10.967	ug/L	98
52) Ethylbenzene	9.574	91	210596	26.460	ug/L	97
53) m,p-Xylene	9.697	106	273753	88.198	ug/L	98
54) o-xylene	10.105	106	75106	24.938	ug/L	100
61) Isopropylbenzene	10.491	105	28701	3.728	ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	39201	6.110	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	132307	20.611	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	3090	0.839	ug/L #	88

AB 12/9/21

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