Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031623\
Data File : VU053232.D
Acq On : 16 Mar 2023 17:29
Operator : JC/MD
Sample : 01930-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYFG5

Quant Time: Mar 17 02:43:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 17 02:34:44 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	152851	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	143420	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	70265	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	56497	40.065	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.120%			
7) Chloroethane-d5	1.909	69	47150	41.337	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.680%			
11) 1,1-Dichloroethene-d2	2.562	63	75000	30.702	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.400%			
21) 2-Butanone-d5	4.613	46	68196	104.271	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.270%			
24) Chloroform-d	5.057	84	100799	43.400	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.800%			
26) 1,2-Dichloroethane-d4	5.697	65	66757	46.281	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.560%			
32) Benzene-d6	5.723	84	212323	45.642	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.280%			
36) 1,2-Dichloropropane-d6	6.684	67	70324	46.840	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.680%			
41) Toluene-d8	7.893	98	186718	43.112	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.220%			
43) trans-1,3-Dichloroprop...	8.173	79	31740	42.848	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.700%			
47) 2-Hexanone-d5	8.626	63	50855	108.344	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.340%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	93223	47.932	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.860%			
66) 1,2-Dichlorobenzene-d4	12.188	152	60278	44.305	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.601	62	7802	4.851	ug/L #	71
19) 1,1-Dichloroethane	3.861	63	3916	1.684	ug/L	95
20) cis-1,2-Dichloroethene	4.658	96	2372	1.773	ug/L	87
33) Benzene	5.771	78	8496	1.709	ug/L	100

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

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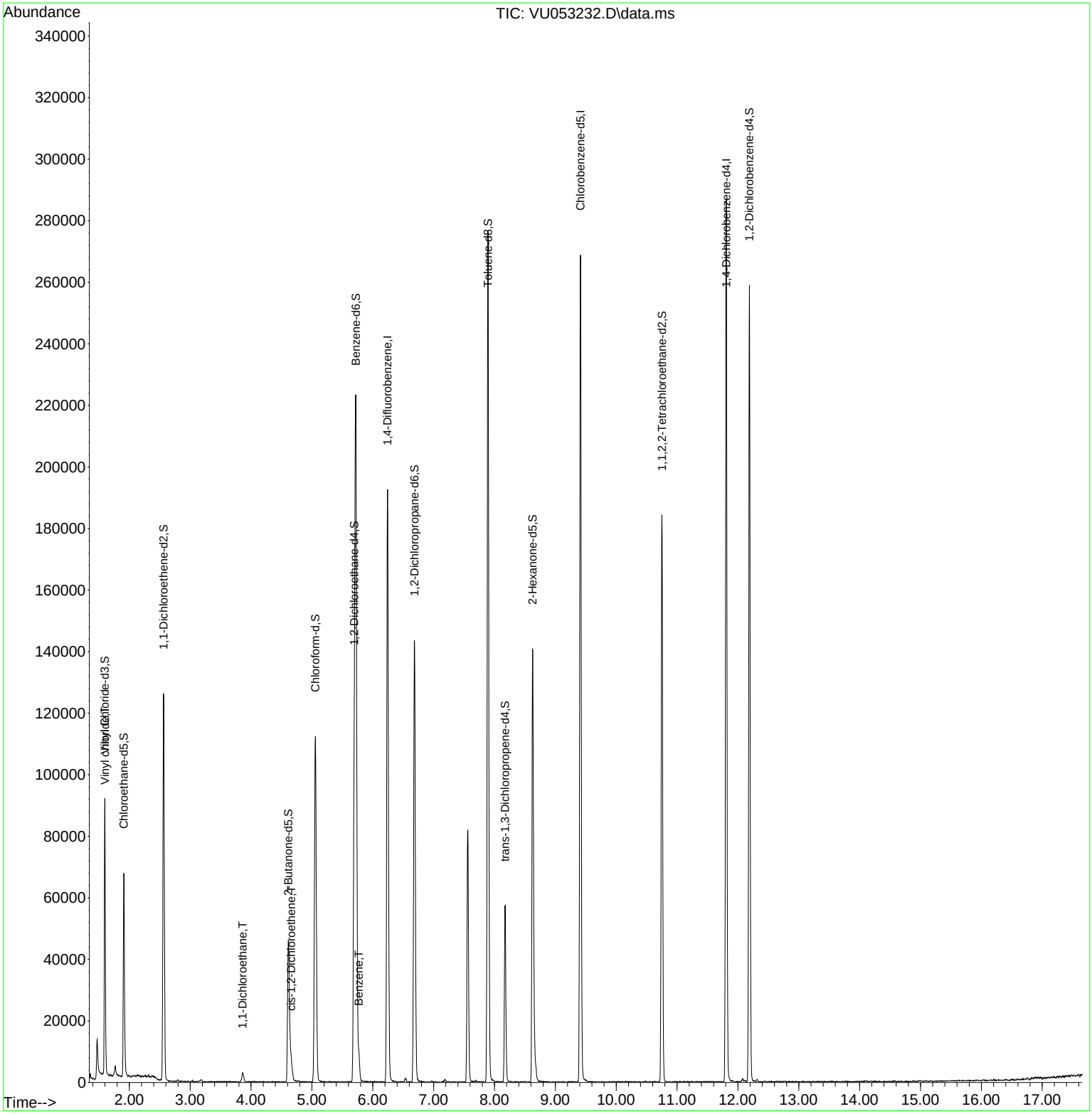
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