Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
Data File : VV037596.D
Acq On : 27 Sep 2024 11:16
Operator : SY/MD
Sample : P4185-06
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY028

Quant Time: Sep 27 23:46:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 23:45:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	620128	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	603107	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	315505	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	238045	43.728	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.460%			
7) Chloroethane-d5	1.532	69	191281	45.268	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.540%			
11) 1,1-Dichloroethene-d2	2.060	65	102199	44.936	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.880%			
21) 2-Butanone-d5	3.789	46	190419	98.207	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.210%			
24) Chloroform-d	4.243	84	435495	44.966	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.940%			
26) 1,2-Dichloroethane-d4	4.937	65	255631	45.093	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.180%			
32) Benzene-d6	4.953	84	856262	45.371	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.740%			
36) 1,2-Dichloropropane-d6	5.985	67	273524	45.515	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.020%			
41) Toluene-d8	7.236	98	766259	44.777	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.560%			
43) trans-1,3-Dichloroprop...	7.548	79	122110	43.741	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.480%			
47) 2-Hexanone-d5	8.024	63	109369	86.187	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.190%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	315300	45.155	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.300%			
66) 1,2-Dichlorobenzene-d4	11.554	152	313513	47.157	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.320%			
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	266732	48.544	ug/L	99
8) Chloroethane	1.548	64	173677	51.283	ug/L	100
12) 1,1-Dichloroethene	2.069	96	73743	17.862	ug/L #	41
17) trans-1,2-Dichloroethene	2.690	96	42697	9.776	ug/L	99
19) 1,1-Dichloroethane	3.105	63	5706675	681.955	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	6962211	1424.484	ug/L	99
27) 1,2-Dichloroethane	5.047	62	25435	4.158	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	3481752	468.730	ug/L	99
33) Benzene	5.014	78	24361	1.339	ug/L	100
34) Trichloroethene	5.831	95	59663	12.317	ug/L	98
42) Toluene	7.313	91	261621	13.874	ug/L	98
46) Tetrachloroethene	7.902	164	51286	13.848	ug/L	97
52) Ethylbenzene	8.944	91	101805	4.796	ug/L	98
53) m,p-Xylene	9.069	106	95848	12.133	ug/L	99
54) o-Xylene	9.474	106	124665	16.165	ug/L	96
62) 1,3,5-Trimethylbenzene	10.471	105	131697	8.121	ug/L	98
63) 1,2,4-Trimethylbenzene	10.847	105	339580	21.045	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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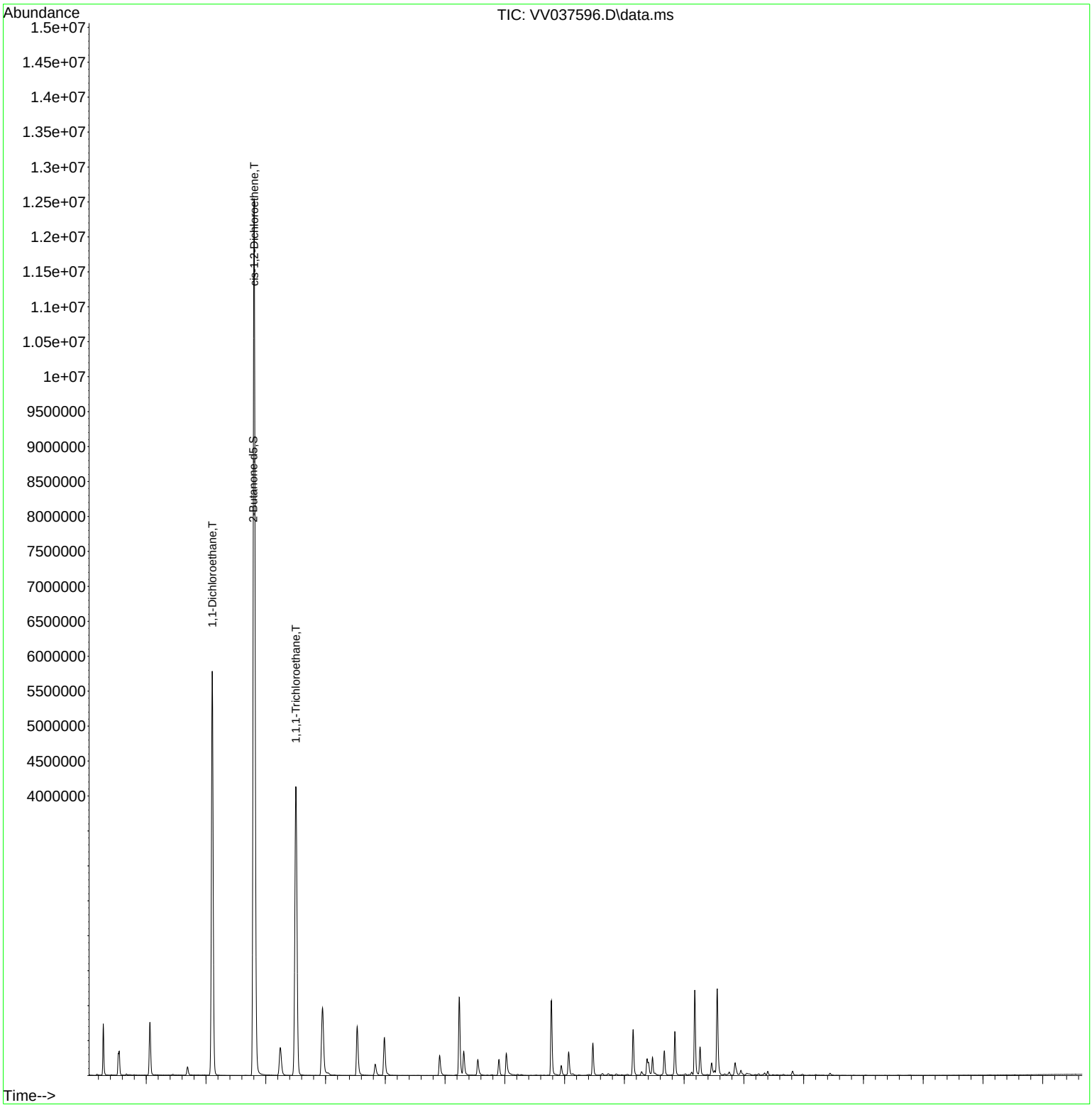
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