Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020221\
Data File : VW018006.D
Acq On : 02 Feb 2021 12:26
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02507

Quant Time: Feb 03 00:12:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 29 16:24:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	419409	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	383668	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	201665	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	137911	26.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.84%			
7) Chloroethane-d5	2.892	69	109952	26.58	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.32%			
10) 1,1-Dichloroethene-d2	4.025	63	281376	27.00	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 108.00%			
20) 2-Butanone-d5	7.074	46	58838	42.30	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.60%			
24) Chloroform-d	7.647	84	299122	27.18	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.72%			
26) 1,2-Dichloroethane-d4	8.305	65	150284	25.63	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.52%			
29) Benzene-d6	8.269	84	585332	27.78	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 111.12%			
33) 1,2-Dichloropropane-d6	9.275	67	162301	27.55	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 110.20%			
37) Toluene-d8	10.323	98	560765	27.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 111.92%			
38) trans-1,3-Dichloroprop...	10.579	79	73323	27.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 109.80%			
39) 2-Hexanone-d5	10.921	63	48932	43.44	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.88%			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	122007	23.57	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.28%			
61) 1,2-Dichlorobenzene-d4	13.853	152	197853	27.50	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 110.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	134513	23.70	ug/L	100
3) Chloromethane	2.215	50	98664	23.60	ug/L	99
5) Vinyl chloride	2.367	62	143658	24.92	ug/L	100
6) Bromomethane	2.782	94	96955	23.65	ug/L	100
8) Chloroethane	2.928	64	83688	24.30	ug/L	100
9) Trichlorofluoromethane	3.263	101	100247	24.05	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	146687	24.63	ug/L #	68
12) 1,1-Dichloroethene	4.044	96	140129	25.00	ug/L	98
13) Acetone	4.117	43	35150	34.16	ug/L	98
14) Carbon disulfide	4.385	76	421355	25.82	ug/L	99
15) Methyl Acetate	4.666	43	44035	19.29	ug/L	98
16) Methylene chloride	4.916	84	133120	19.81	ug/L	93
17) Methyl tert-butyl Ether	5.422	73	140503	22.33	ug/L	98
18) trans-1,2-Dichloroethene	5.422	96	145619	24.31	ug/L	95
19) 1,1-Dichloroethane	6.214	63	234004	24.21	ug/L	100
21) 2-Butanone	7.165	43	56679	36.18	ug/L	94
22) cis-1,2-Dichloroethene	7.165	96	149163	24.01	ug/L	98
23) Bromochloromethane	7.507	128	68756	23.03	ug/L	91
25) Chloroform	7.671	83	251371	23.83	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	150902	22.04	ug/L		98
30) Cyclohexane	7.952	56	218707	24.92	ug/L		95
31) 1,1,1-Trichloroethane	7.872	97	212913	25.03	ug/L		99
32) Carbon tetrachloride	8.067	117	204158	24.78	ug/L		99
34) Benzene	8.323	78	546766	24.38	ug/L		100
35) Trichloroethene	9.092	95	150731	23.85	ug/L		98
36) Methylcyclohexane	9.336	83	260888	24.55	ug/L		98
40) 1,2-Dichloropropane	9.366	63	123746	24.05	ug/L		100
41) Bromodichloromethane	9.646	83	176729	23.99	ug/L		97
42) cis-1,3-Dichloropropene	10.073	75	206309	24.88	ug/L		97
43) 4-Methyl-2-pentanone	10.207	43	124066	38.78	ug/L		95
44) Toluene	10.384	91	607096	24.60	ug/L		98
45) trans-1,3-Dichloropropene	10.604	75	173922	24.09	ug/L		99
46) 1,1,2-Trichloroethane	10.786	97	95514	21.75	ug/L		98
47) Tetrachloroethene	10.860	164	128537	23.89	ug/L		94
49) 2-Hexanone	10.969	43	85354	38.39	ug/L		94
50) Dibromochloromethane	11.128	129	122332	23.25	ug/L		92
51) 1,2-Dibromoethane	11.232	107	93473	21.34	ug/L		99
52) Chlorobenzene	11.658	112	383228	23.57	ug/L		96
53) Ethylbenzene	11.731	91	684629	24.41	ug/L		98
54) m,p-Xylene	11.841	106	263566	24.65	ug/L		91
55) o-xylene	12.164	106	243625	24.02	ug/L		97
56) Styrene	12.183	104	417523	24.20	ug/L		100
57) Isopropylbenzene	12.463	105	687950	24.35	ug/L		100
58) 1,1,2,2-Tetrachloroethane	12.713	83	103981	20.01	ug/L		99
59) 1,2,3-Trichloropropane	12.768	75	77101	19.59	ug/L		98
62) Bromoform	12.347	173	67602	21.75	ug/L	#	98
63) 1,3-Dichlorobenzene	13.499	146	308981	24.04	ug/L		95
64) 1,4-Dichlorobenzene	13.579	146	307700	23.80	ug/L		97
65) 1,2-Dichlorobenzene	13.865	146	268529	23.16	ug/L		95
66) 1,2-Dibromo-3-chloropr...	14.481	75	16756	19.08	ug/L		90
67) 1,3,5-Trichlorobenzene	14.627	180	247016	25.01	ug/L		97
68) 1,2,4-trichlorobenzene	15.127	180	197272	23.96	ug/L		96
69) Naphthalene	15.365	128	329813	20.59	ug/L		99
70) 1,2,3-Trichlorobenzene	15.554	180	167953	22.89	ug/L		99

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

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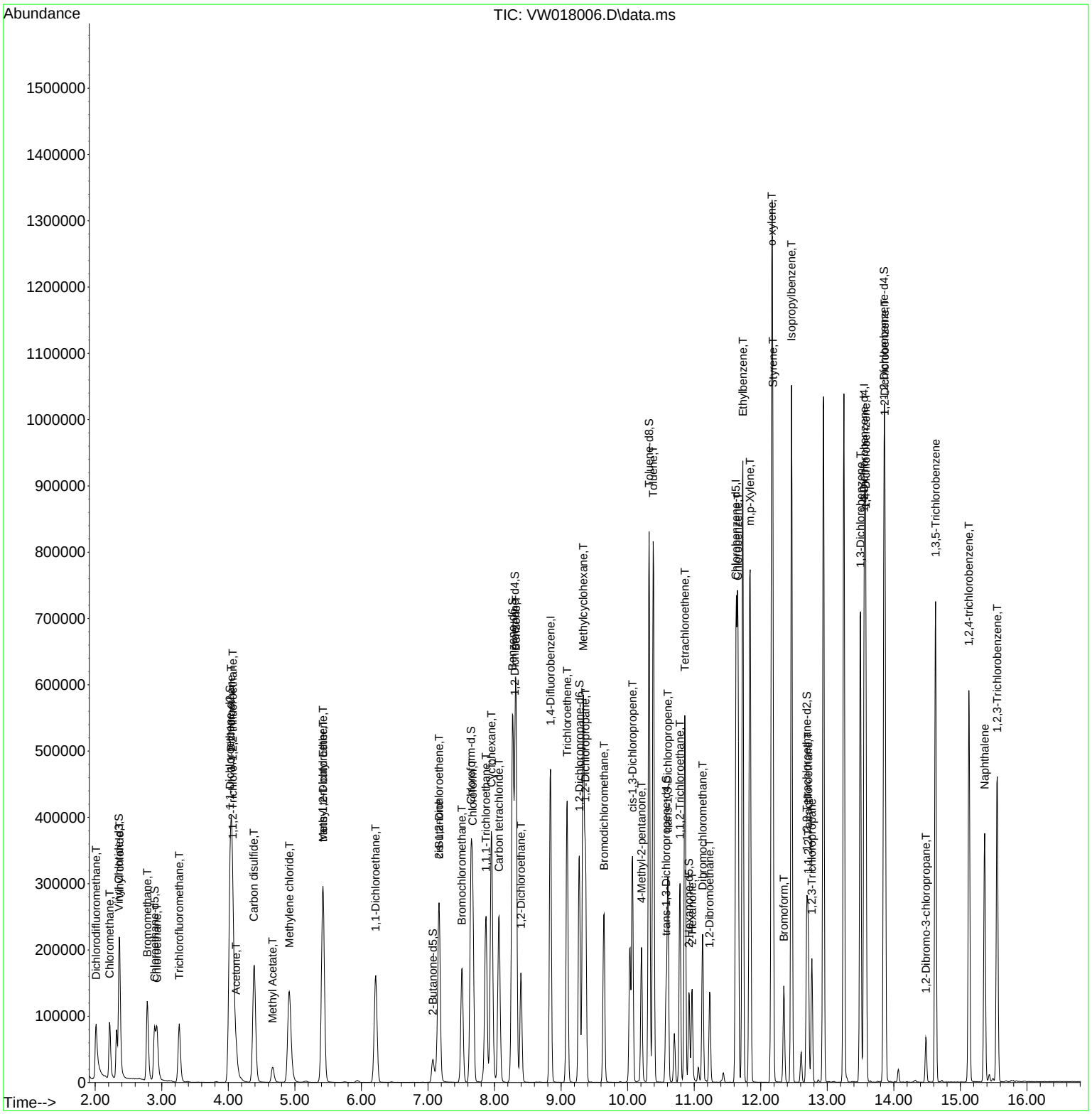
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