Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072919\
Data File : VU033468.D
Acq On : 29 Jul 2019 12:11
Operator : JC/SP
Sample : VSTD01034
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD01034

Quant Time: Jul 30 03:45:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM072919W.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 30 03:41:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	302349	50.00 ug/L	0.00
28) Chlorobenzene-d5	9.07	117	303564	50.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.47	152	150780	50.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.39	65	27520	9.86 ug/L	0.00
7) Chloroethane-d5	1.67	69	22531	9.78 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	46182	8.55 ug/L	0.00
21) 2-Butanone-d5	4.16	46	28303	17.23 ug/L	0.01
24) Chloroform-d	4.62	84	40146	9.53 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	26417	9.81 ug/L	0.00
32) Benzene-d6	5.32	84	78737	9.34 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	24826	9.46 ug/L	0.00
41) Toluene-d8	7.55	98	71419	8.93 ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	11375	8.81 ug/L	0.00
47) 2-Hexanone-d5	8.30	63	17421	15.47 ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.41	84	37928	9.78 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.85	152	28181	10.00 ug/L	0.00

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	30682	10.416 ug/L	98
3) Chloromethane	1.32	50	30548	10.261 ug/L	99
5) Vinyl chloride	1.40	62	34589	10.173 ug/L	99
6) Bromomethane	1.62	94	21103	9.879 ug/L	100
8) Chloroethane	1.69	64	22123	10.781 ug/L	100
9) Trichlorofluoromethane	1.87	101	45495	10.206 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	22568	9.722 ug/L	100
12) 1,1-Dichloroethene	2.27	96	20537	8.947 ug/L	90
13) Acetone	2.31	43	31411	20.582 ug/L	98
14) Carbon disulfide	2.46	76	65670	10.312 ug/L	100
15) Methyl Acetate	2.60	43	24951	10.256 ug/L	96
16) Methylene chloride	2.69	84	24248	10.131 ug/L	96
17) trans-1,2-Dichloroethene	2.96	96	21652	10.259 ug/L	96
18) Methyl tert-butyl Ether	2.98	73	60452	9.318 ug/L	97
19) 1,1-Dichloroethane	3.42	63	40679	9.877 ug/L	99
20) cis-1,2-Dichloroethene	4.20	96	23158	9.697 ug/L	97
22) 2-Butanone	4.24	43	33220	17.718 ug/L	99
23) Bromochloromethane	4.52	128	13045	10.483 ug/L	95
25) Chloroform	4.65	83	44704	10.309 ug/L	98
27) 1,2-Dichloroethane	5.38	62	33406	9.921 ug/L	100
29) Cyclohexane	4.97	56	31029	9.117 ug/L	100
30) 1,1,1-Trichloroethane	4.89	97	36048	10.162 ug/L	99
31) Carbon tetrachloride	5.11	117	31062	9.824 ug/L	97
33) Benzene	5.37	78	87863	9.661 ug/L	100
34) Trichloroethene	6.17	95	22741	9.807 ug/L	95
35) Methylcyclohexane	6.40	83	33134	9.401 ug/L	98
37) 1,2-Dichloropropane	6.41	63	24222	10.070 ug/L	99
38) Bromodichloromethane	6.74	83	31948	10.258 ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	33501	8.948 ug/L	98
40) 4-Methyl-2-pentanone	7.44	43	57063	17.554 ug/L	97

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Quant Title : VOC Analysis
QLast Update : Tue Jul 30 03:41:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) Toluene	7.62	91	92686	9.284 ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	29602	8.850 ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	22952	9.994 ug/L	96
46) Tetrachloroethene	8.21	164	18643	10.102 ug/L	98
48) 2-Hexanone	8.35	43	45264	16.957 ug/L	95
49) Dibromochloromethane	8.46	129	24853	9.560 ug/L	100
50) 1,2-Dibromoethane	8.57	107	24123	9.624 ug/L	99
51) Chlorobenzene	9.10	112	63568	9.960 ug/L	100
52) Ethylbenzene	9.23	91	97236	9.113 ug/L	96
53) m,p-Xylene	9.36	106	35553	8.644 ug/L	92
54) o-xylene	9.77	106	34957	8.793 ug/L	99
55) Styrene	9.78	104	58839	8.540 ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.44	83	40500	10.166 ug/L	98
59) Bromoform	9.94	173	17940	9.917 ug/L	97
60) 1,2,3-Trichloropropane	10.48	75	31282	10.680 ug/L	98
61) Isopropylbenzene	10.15	105	90840	9.430 ug/L	99
62) 1,3,5-Trimethylbenzene	10.76	105	69644	8.641 ug/L	99
63) 1,2,4-Trimethylbenzene	11.13	105	68597	8.447 ug/L	100
64) 1,3-Dichlorobenzene	11.40	146	48085	10.302 ug/L	97
65) 1,4-Dichlorobenzene	11.49	146	50045	10.623 ug/L	99
67) 1,2-Dichlorobenzene	11.86	146	48226	10.148 ug/L	95
68) 1,2-Dibromo-3-chloropropan	12.65	75	8094	9.745 ug/L	95
69) 1,3,5-Trichlorobenzene	12.87	180	34908	9.906 ug/L	98
70) 1,2,4-trichlorobenzene	13.49	180	27354	9.227 ug/L	96
71) Naphthalene	13.73	128	66504	7.355 ug/L	99
72) 1,2,3-Trichlorobenzene	13.98	180	28706	8.935 ug/L	99

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

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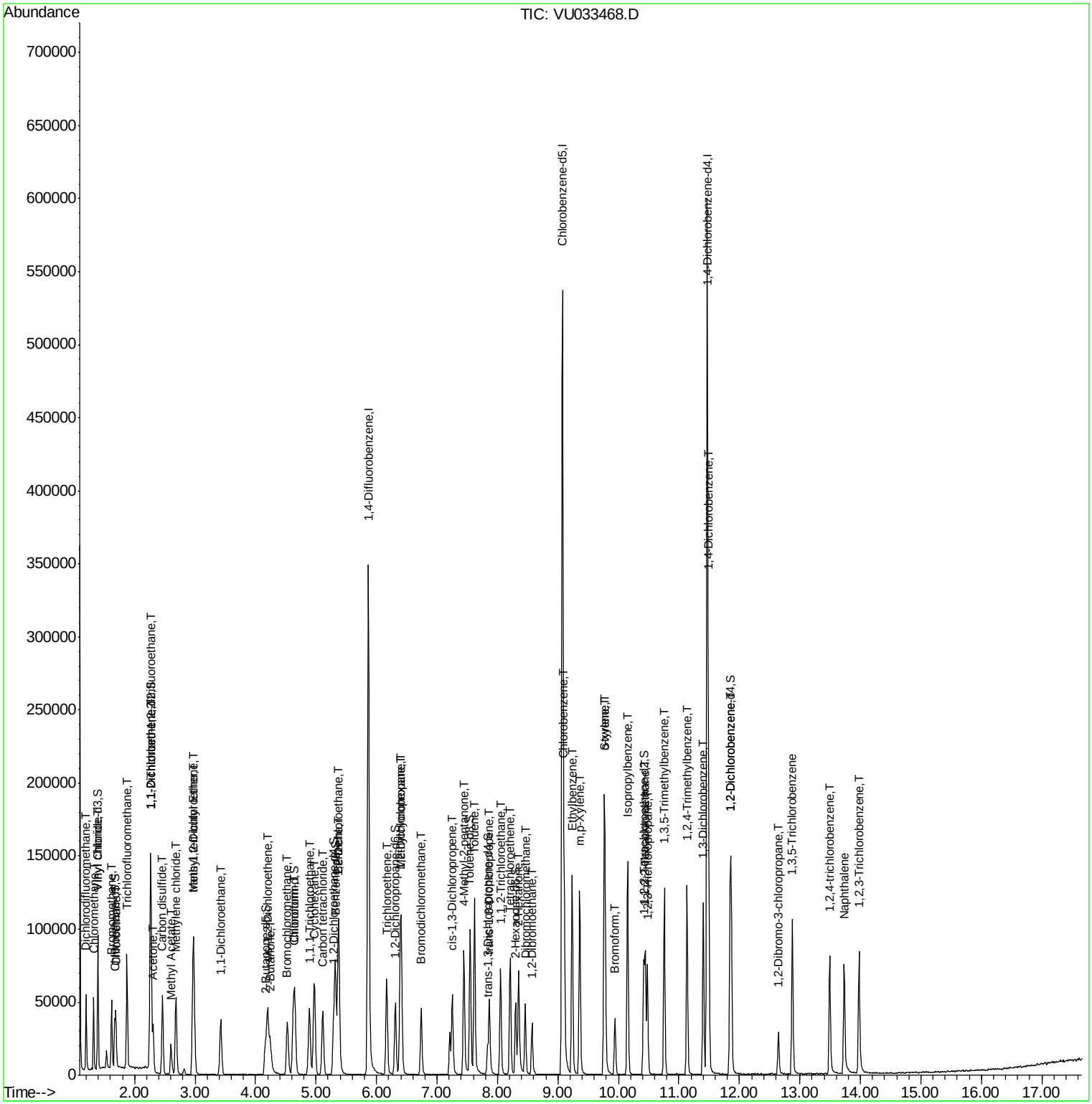
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