Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061719\
Data File : VU032772.D
Acq On : 17 Jun 2019 11:03
Operator : JC/SP
Sample : VSTD01032
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD01032

Quant Time: Jun 18 01:38:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 01:34:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	207018	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	198747	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	103504	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	14298	10.52	ug/L	0.00
7) Chloroethane-d5	1.68	69	11459	10.52	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	28795	10.77	ug/L	0.00
21) 2-Butanone-d5	4.17	46	22524	19.98	ug/L	0.00
24) Chloroform-d	4.64	84	27958	10.93	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	18999	11.64	ug/L	0.00
32) Benzene-d6	5.33	84	51632	9.95	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	16483	10.07	ug/L	0.00
41) Toluene-d8	7.56	98	47685	9.73	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	8287	10.52	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	14126	18.30	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	25020	10.56	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	20263	10.20	ug/L	0.00

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	21905	11.423	ug/L	100
3) Chloromethane	1.32	50	19875	10.917	ug/L	100
5) Vinyl chloride	1.40	62	19601	10.738	ug/L	99
6) Bromomethane	1.62	94	11236	10.402	ug/L	95
8) Chloroethane	1.69	64	11458	10.627	ug/L	99
9) Trichlorofluoromethane	1.88	101	27458	11.031	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	14568	11.275	ug/L	97
12) 1,1-Dichloroethene	2.28	96	13726	11.021	ug/L	86
13) Acetone	2.32	43	35633	28.621	ug/L	99
14) Carbon disulfide	2.47	76	43110	11.323	ug/L	99
15) Methyl Acetate	2.61	43	19521	11.661	ug/L	96
16) Methylene chloride	2.69	84	16596	11.619	ug/L	92
17) trans-1,2-Dichloroethene	2.98	96	14560	10.811	ug/L	93
18) Methyl tert-butyl Ether	2.99	73	46067	10.422	ug/L	97
19) 1,1-Dichloroethane	3.44	63	28014	11.254	ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	15911	10.490	ug/L	99
22) 2-Butanone	4.26	43	34630	24.321	ug/L	99
23) Bromochloromethane	4.54	128	8688	11.003	ug/L	97
25) Chloroform	4.67	83	28993	11.302	ug/L	93
27) 1,2-Dichloroethane	5.40	62	22954	11.177	ug/L	99
29) Cyclohexane	4.99	56	23256	9.847	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	25254	11.090	ug/L	99
31) Carbon tetrachloride	5.13	117	22897	10.946	ug/L	97
33) Benzene	5.38	78	59484	10.586	ug/L	100
34) Trichloroethene	6.18	95	15813	10.367	ug/L	98
35) Methylcyclohexane	6.41	83	23395	9.529	ug/L	99
37) 1,2-Dichloropropane	6.43	63	16635	11.047	ug/L	100
38) Bromodichloromethane	6.75	83	22822	11.721	ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	23717	10.045	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	51124	21.416	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) Toluene	7.63	91	63512	10.333 ug/L	98
44) trans-1,3-Dichloropropene	7.87	75	22659	10.707 ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	15570	11.040 ug/L	99
46) Tetrachloroethene	8.22	164	12997	10.342 ug/L	98
48) 2-Hexanone	8.36	43	44155	22.143 ug/L	99
49) Dibromochloromethane	8.47	129	18014	10.908 ug/L	100
50) 1,2-Dibromoethane	8.58	107	16850	10.620 ug/L #	97
51) Chlorobenzene	9.12	112	42186	10.646 ug/L	98
52) Ethylbenzene	9.24	91	67695	9.904 ug/L	99
53) m,p-Xylene	9.37	106	25411	9.793 ug/L	98
54) o-xylene	9.77	106	24735	9.621 ug/L	100
55) Styrene	9.79	104	42181	9.774 ug/L	96
56) Isopropylbenzene	10.16	105	66811	9.847 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	27363	11.282 ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	21768	11.177 ug/L	100
61) Bromoform	9.95	173	13791	10.975 ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	32966	10.502 ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	34039	10.531 ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	34480	10.847 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	6487	11.940 ug/L	94
67) 1,3,5-Trichlorobenzene	12.88	180	26238	10.685 ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	20516	9.871 ug/L	95
69) Naphthalene	13.74	128	62725	9.621 ug/L	96
70) 1,2,3-Trichlorobenzene	13.98	180	22085	10.141 ug/L	94

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

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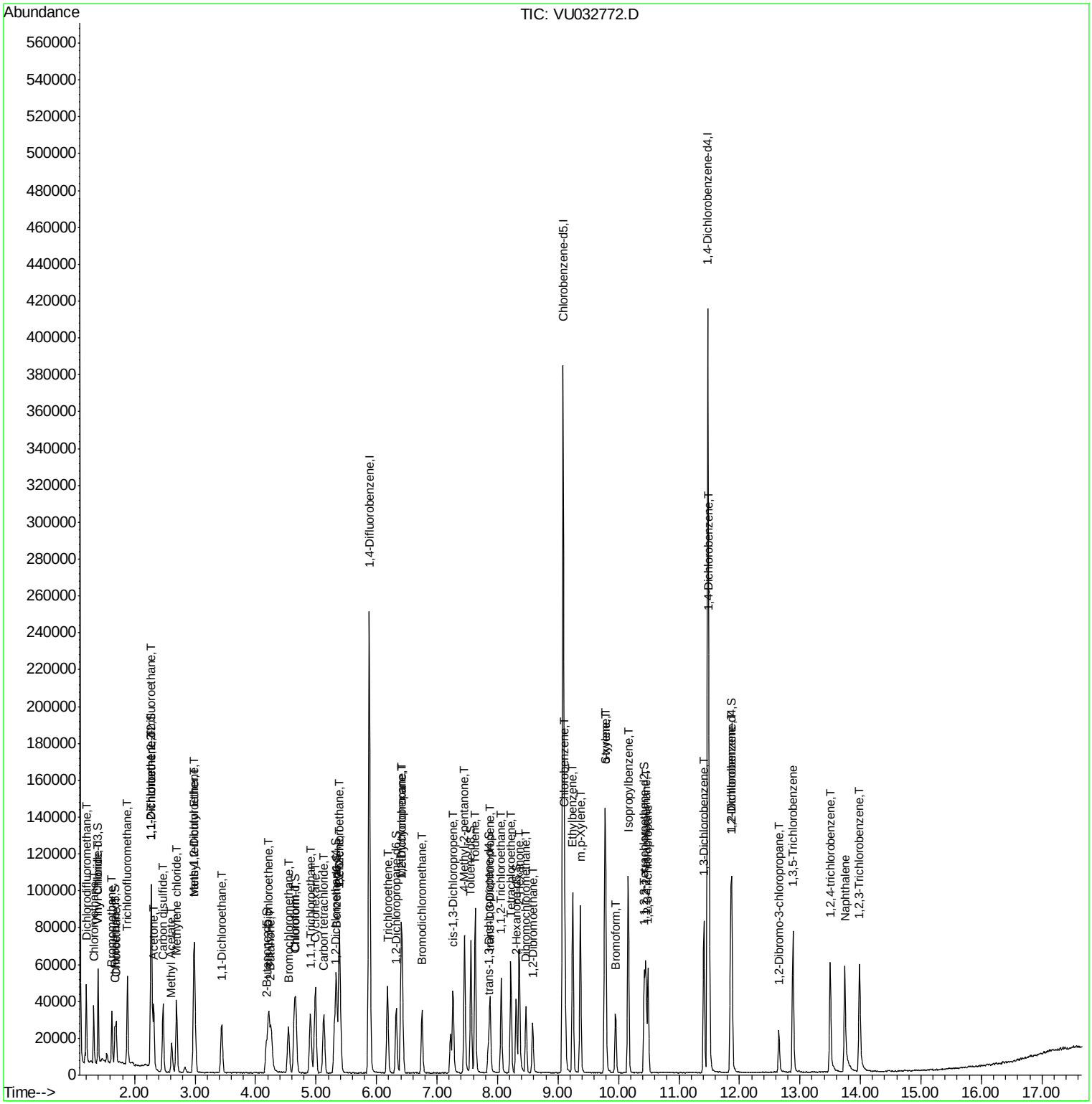
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