Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110220\
Data File : VW017050.D
Acq On : 02 Nov 2020 16:19
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02510

Quant Time: Nov 03 04:57:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 03 04:48:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	420425	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	384547	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	202274	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	106278	21.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.60%			
7) Chloroethane-d5	2.90	69	93865	24.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.88%			
10) 1,1-Dichloroethene-d2	4.03	63	233677	24.76	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 99.04%			
20) 2-Butanone-d5	7.08	46	61337	67.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 134.22%			
24) Chloroform-d	7.65	84	261155	26.93	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.72%			
26) 1,2-Dichloroethane-d4	8.31	65	125106	27.41	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.64%			
29) Benzene-d6	8.28	84	507805	25.71	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.84%			
33) 1,2-Dichloropropane-d6	9.28	67	143677	26.95	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 107.80%			
37) Toluene-d8	10.33	98	484089	26.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.12%			
38) trans-1,3-Dichloropropene-	10.58	79	62223	27.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 110.00%			
39) 2-Hexanone-d5	10.93	63	51812	69.21	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 138.42%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124483	30.65	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 122.60%#			
61) 1,2-Dichlorobenzene-d4	13.85	152	189790	26.70	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 106.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	121545	25.346	ug/L	98
3) Chloromethane	2.22	50	103093	24.907	ug/L	98
5) Vinyl chloride	2.37	62	165374	27.278	ug/L	98
6) Bromomethane	2.79	94	110838	26.920	ug/L	99
8) Chloroethane	2.93	64	98910	28.350	ug/L	95
9) Trichlorofluoromethane	3.27	101	142931	29.725	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	163328	28.182	ug/L	99
12) 1,1-Dichloroethene	4.05	96	155068	28.176	ug/L	90
13) Acetone	4.12	43	41167	66.933	ug/L	97
14) Carbon disulfide	4.39	76	434091	26.017	ug/L	99
15) Methyl Acetate	4.67	43	49967	31.117	ug/L	97
16) Methylene chloride	4.92	84	169075	30.416	ug/L	95
17) Methyl tert-butyl Ether	5.43	73	177478	29.583	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	157143	27.301	ug/L	97
19) 1,1-Dichloroethane	6.22	63	248117	28.147	ug/L	98
21) 2-Butanone	7.18	43	61384	59.637	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	162669	27.954	ug/L	97

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Instrument : MSVOA_W
ClientSampleId : VSTD02510

Quant Time: Nov 03 04:57:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 03 04:48:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.52	128	76338	28.417 ug/L	93
25) Chloroform	7.68	83	267398	28.495 ug/L	99
27) 1,2-Dichloroethane	8.40	62	155011	29.007 ug/L	99
30) Cyclohexane	7.96	56	221920	27.588 ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	234345	28.148 ug/L	99
32) Carbon tetrachloride	8.07	117	225387	28.205 ug/L	98
34) Benzene	8.33	78	590302	27.787 ug/L	100
35) Trichloroethene	9.10	95	160751	27.322 ug/L	99
36) Methylcyclohexane	9.34	83	273659	27.696 ug/L	99
40) 1,2-Dichloropropane	9.37	63	134743	28.401 ug/L	100
41) Bromodichloromethane	9.65	83	186167	28.911 ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	212654	28.665 ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	136672	60.773 ug/L	98
44) Toluene	10.39	91	659551	28.656 ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	182199	29.647 ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	109326	28.790 ug/L	97
47) Tetrachloroethene	10.87	164	147273	27.212 ug/L	95
49) 2-Hexanone	10.97	43	95053	66.320 ug/L	98
50) Dibromochloromethane	11.13	129	136624	29.533 ug/L	96
51) 1,2-Dibromoethane	11.24	107	105827	29.231 ug/L	94
52) Chlorobenzene	11.66	112	433718	28.188 ug/L	98
53) Ethylbenzene	11.73	91	733361	28.372 ug/L	98
54) m,p-Xylene	11.84	106	290589	28.575 ug/L	93
55) o-xylene	12.17	106	272867	28.967 ug/L	96
56) Styrene	12.18	104	466692	29.614 ug/L	98
57) Isopropylbenzene	12.47	105	755524	28.996 ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	125371	30.759 ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	88778	30.436 ug/L	99
62) Bromoform	12.35	173	79706	28.042 ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	359899	27.575 ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	358097	27.524 ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	321234	27.901 ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	18460	29.474 ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	272036	28.477 ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	212702	28.726 ug/L	98
69) Naphthalene	15.37	128	380526	31.684 ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	193681	30.017 ug/L	98

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

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Instrument :
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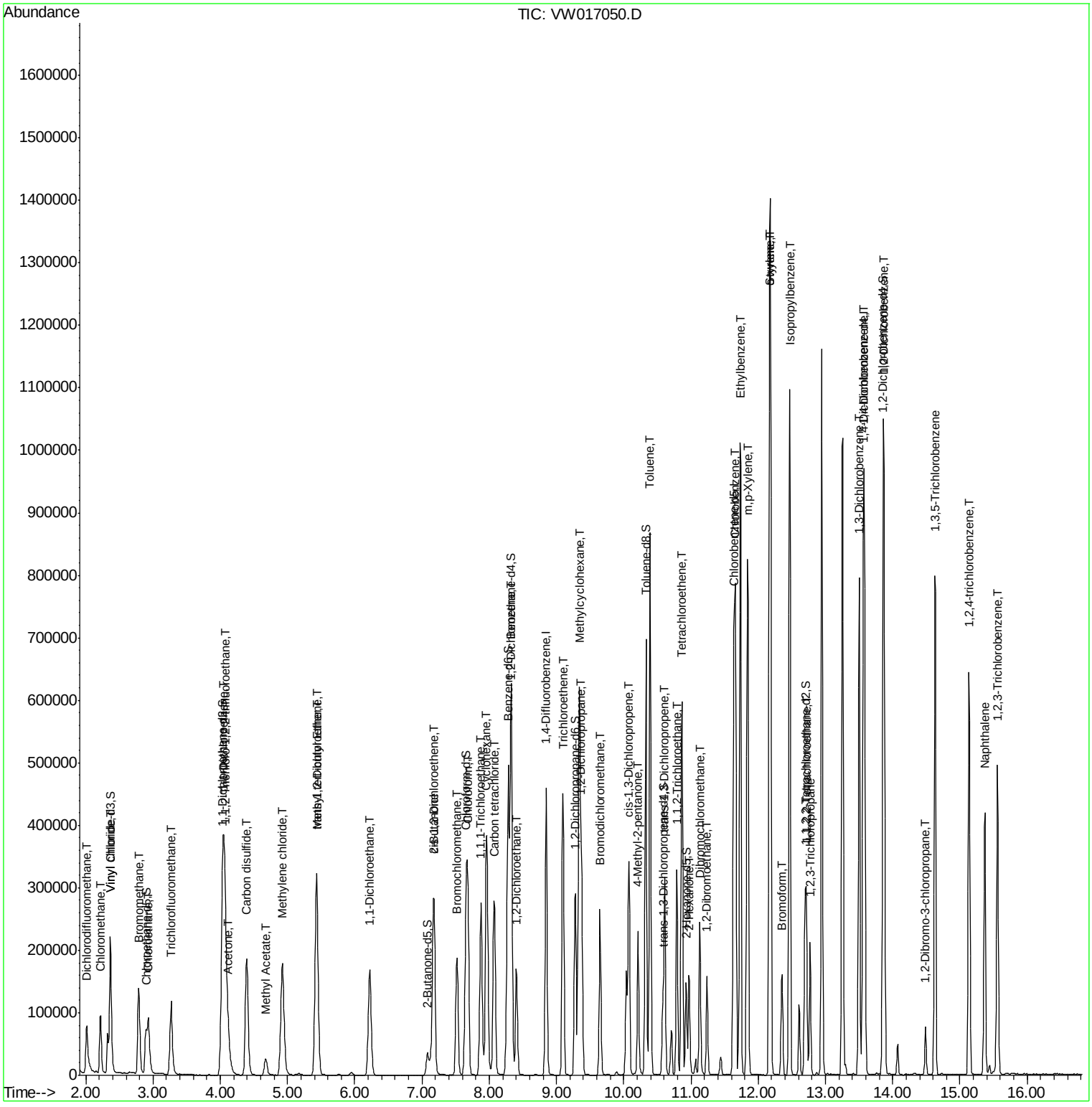
ClientSampleId :
VSTD02510

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