Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010719\
Data File : VV009180.D
Acq On : 07 Jan 2019 11:14
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00 G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD02575

Quant Time: Jan 08 00:26:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 07 17:26:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	166307	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	149829	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	73501	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	27118	23.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.40%			
7) Chloroethane-d5	1.58	69	21200	19.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.84%			
10) 1,1-Dichloroethene-d2	2.13	63	92038	24.21	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 96.84%			
20) 2-Butanone-d5	3.95	46	39095	48.85	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.70%			
24) Chloroform-d	4.40	84	83388	23.81	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.24%			
26) 1,2-Dichloroethane-d4	5.08	65	44079	23.53	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.12%			
29) Benzene-d6	5.09	84	160759	24.08	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.32%			
33) 1,2-Dichloropropane-d6	6.12	67	45325	23.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.72%			
37) Toluene-d8	7.36	98	148237	23.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.16%			
38) trans-1,3-Dichloropropene-	7.66	79	20694	22.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.16%			
39) 2-Hexanone-d5	8.14	63	22870	50.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.26%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	51015	24.25	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.00%			
61) 1,2-Dichlorobenzene-d4	11.67	152	57013	22.95	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.80%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	66909	25.029	ug/L	98
3) Chloromethane	1.25	50	47674	26.331	ug/L	97
5) Vinyl chloride	1.32	62	50767	26.186	ug/L	98
6) Bromomethane	1.53	94	25302	18.528	ug/L	99
8) Chloroethane	1.59	64	25783	21.580	ug/L	99
9) Trichlorofluoromethane	1.76	101	104227	29.325	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	62919	26.581	ug/L	98
12) 1,1-Dichloroethene	2.14	96	53243	25.936	ug/L	98
13) Acetone	2.20	43	51948	45.803	ug/L	99
14) Carbon disulfide	2.31	76	149625	25.508	ug/L	99
15) Methyl Acetate	2.46	43	36317	25.879	ug/L	95
16) Methylene chloride	2.53	84	57190	23.018	ug/L	98
17) Methyl tert-butyl Ether	2.80	73	125209	24.901	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	57026	26.212	ug/L	97
19) 1,1-Dichloroethane	3.23	63	93266	25.816	ug/L	98
21) 2-Butanone	4.03	43	49555	49.954	ug/L #	89
22) cis-1,2-Dichloroethene	3.96	96	59429	25.553	ug/L	96

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Instrument :
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ClientSampleId :
VSTD02575

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Quant Title : VOC Analysis
QLast Update : Mon Jan 07 17:26:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	27662	25.281 ug/L	95
25) Chloroform	4.42	83	101529	26.390 ug/L	99
27) 1,2-Dichloroethane	5.18	62	65214	25.236 ug/L	99
30) Cyclohexane	4.72	56	83493	25.137 ug/L	99
31) 1,1,1-Trichloroethane	4.65	97	96330	26.445 ug/L	99
32) Carbon tetrachloride	4.87	117	88157	26.440 ug/L	99
34) Benzene	5.14	78	211343	26.239 ug/L	100
35) Trichloroethene	5.96	95	61968	26.705 ug/L	96
36) Methylcyclohexane	6.17	83	100465	25.912 ug/L	97
40) 1,2-Dichloropropane	6.22	63	49765	25.634 ug/L	98
41) Bromodichloromethane	6.55	83	70240	26.396 ug/L	99
42) cis-1,3-Dichloropropene	7.07	75	78970	25.670 ug/L	99
43) 4-Methyl-2-pentanone	7.28	43	87973	47.540 ug/L	99
44) Toluene	7.43	91	226212	26.049 ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	70098	26.026 ug/L	97
46) 1,1,2-Trichloroethane	7.88	97	44920	26.179 ug/L	99
47) Tetrachloroethene	8.02	164	52361	26.046 ug/L	97
49) 2-Hexanone	8.19	43	68820	50.533 ug/L	98
50) Dibromochloromethane	8.29	129	54685	25.943 ug/L	99
51) 1,2-Dibromoethane	8.40	107	44779	24.958 ug/L	96
52) Chlorobenzene	8.93	112	152318	25.564 ug/L	99
53) Ethylbenzene	9.05	91	255861	26.053 ug/L	98
54) m,p-Xylene	9.18	106	98273	25.684 ug/L	98
55) o-xylene	9.59	106	92537	26.156 ug/L	99
56) Styrene	9.60	104	154973	25.970 ug/L	99
57) Isopropylbenzene	9.97	105	260484	26.537 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	59172	25.739 ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	47043	25.601 ug/L	99
62) Bromoform	9.77	173	36236	27.915 ug/L	98
63) 1,3-Dichlorobenzene	11.23	146	120228	25.961 ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	122058	25.284 ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	114032	25.849 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	11947	26.086 ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	94161	25.210 ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	74446	24.488 ug/L	97
69) Naphthalene	13.55	128	146853	23.716 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	68058	24.394 ug/L	99

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

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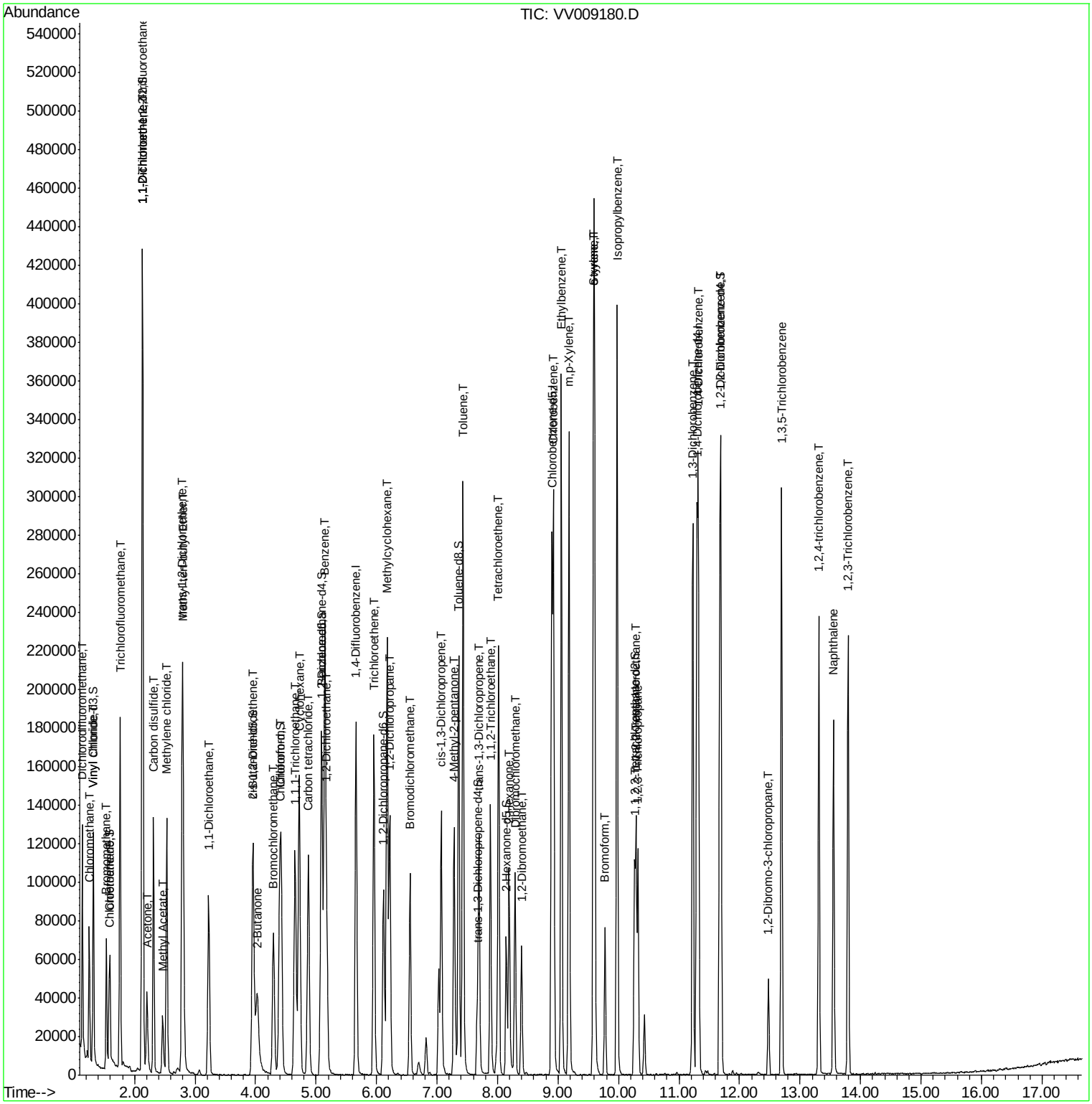
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