Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062920\
Data File : VU039185.D
Acq On : 29 Jun 2020 12:10
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00521

Quant Time: Jun 30 01:25:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 30 01:22:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	257165	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	248570	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	124202	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	116079	4.93	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.60%			
7) Chloroethane-d5	1.93	69	89933	4.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.40%			
11) 1,1-Dichloroethene-d2	2.59	63	217370	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.80%			
20) 2-Butanone-d5	4.68	46	360139	49.95	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.90%			
24) Chloroform-d	5.10	84	202696	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
26) 1,2-Dichloroethane-d4	5.74	65	122282	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
32) Benzene-d6	5.76	84	396955	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.40%			
36) 1,2-Dichloropropane-d6	6.72	67	122780	4.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.40%			
41) Toluene-d8	7.92	98	355886	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.60%			
43) trans-1,3-Dichloropropene-	8.20	79	58420	5.08	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.60%			
46) 2-Hexanone-d5	8.65	63	292735	55.88	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.76%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	109737	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.00%			
64) 1,2-Dichlorobenzene-d4	12.20	152	130568	5.00	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	120245	4.723	ug/L	100
3) Chloromethane	1.53	50	123600	4.697	ug/L	100
5) Vinyl chloride	1.62	62	124675	4.749	ug/L	94
6) Bromomethane	1.88	94	69278	4.990	ug/L	97
8) Chloroethane	1.95	64	74079	4.651	ug/L	98
9) Trichlorofluoromethane	2.16	101	166312	4.728	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	92398	4.656	ug/L	98
12) 1,1-Dichloroethene	2.61	96	90150	4.752	ug/L	99
13) Acetone	2.68	43	203541	46.053	ug/L	99
14) Carbon disulfide	2.82	76	316553	4.769	ug/L	99
15) Methyl Acetate	2.99	43	50395	4.565	ug/L	99
16) Methylene chloride	3.08	84	101621	4.478	ug/L	98
17) Methyl tert-butyl Ether	3.40	73	249815	4.891	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	95081	4.719	ug/L	96
19) 1,1-Dichloroethane	3.91	63	178746	4.645	ug/L	99
21) 2-Butanone	4.76	43	336957	48.007	ug/L	99
22) cis-1,2-Dichloroethene	4.70	96	99030	4.894	ug/L	96

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00521

Quant Time: Jun 30 01:25:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 30 01:22:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	44551	4.560	ug/L	96
25) Chloroform	5.12	83	179753	4.692	ug/L	99
27) 1,2-Dichloroethane	5.83	62	133530	4.716	ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	159322	4.784	ug/L	100
30) Cyclohexane	5.42	56	156540	5.012	ug/L	99
31) Carbon tetrachloride	5.56	117	135214	4.827	ug/L	99
33) Benzene	5.81	78	395819	4.941	ug/L	100
34) Trichloroethene	6.57	95	101689	4.966	ug/L	97
35) Methylcyclohexane	6.79	83	152959	5.012	ug/L	99
37) 1,2-Dichloropropane	6.82	63	102028	4.800	ug/L	99
38) Bromodichloromethane	7.13	83	130998	4.831	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	151332	4.959	ug/L	96
40) 4-Methyl-2-pentanone	7.82	43	781418	50.900	ug/L	99
42) Toluene	7.99	91	411206	5.142	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	142703	4.759	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	75540	4.797	ug/L	97
47) Tetrachloroethene	8.57	164	71764	4.872	ug/L	98
48) 2-Hexanone	8.71	43	595853	50.846	ug/L	99
49) Dibromochloromethane	8.83	129	87881	4.845	ug/L	99
50) 1,2-Dibromoethane	8.94	107	75714	4.928	ug/L	88
51) Chlorobenzene	9.47	112	252770	4.963	ug/L	97
52) Ethylbenzene	9.59	91	436582	5.087	ug/L	99
53) m,p-Xylene	9.71	106	166655	5.269	ug/L	99
54) o-Xylene	10.11	106	157410	5.172	ug/L	99
55) Styrene	10.13	104	275309	5.214	ug/L	99
56) Isopropylbenzene	10.50	105	420967	5.198	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	97024	4.617	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	76499	4.782	ug/L	98
61) Bromoform	10.31	173	50011	4.959	ug/L	100
62) 1,3-Dichlorobenzene	11.75	146	194786	4.861	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	198514	4.946	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	185266	4.845	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	18579	4.783	ug/L	92
67) 1,3,5-Trichlorobenzene	13.24	180	141120	4.880	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	128402	5.085	ug/L	99
69) Naphthalene	14.11	128	252030	5.315	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	120063	5.135	ug/L	99

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

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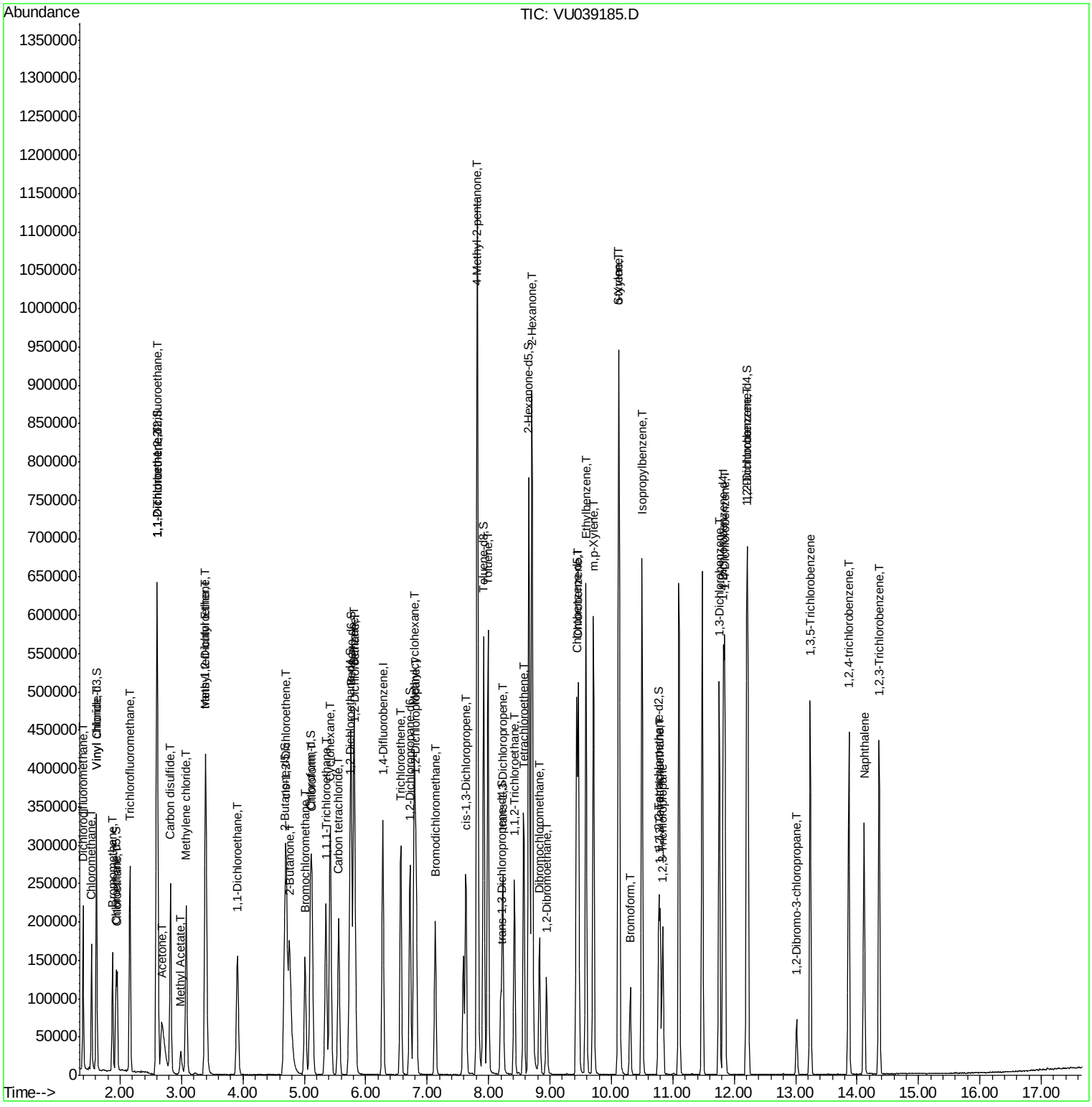
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00521

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