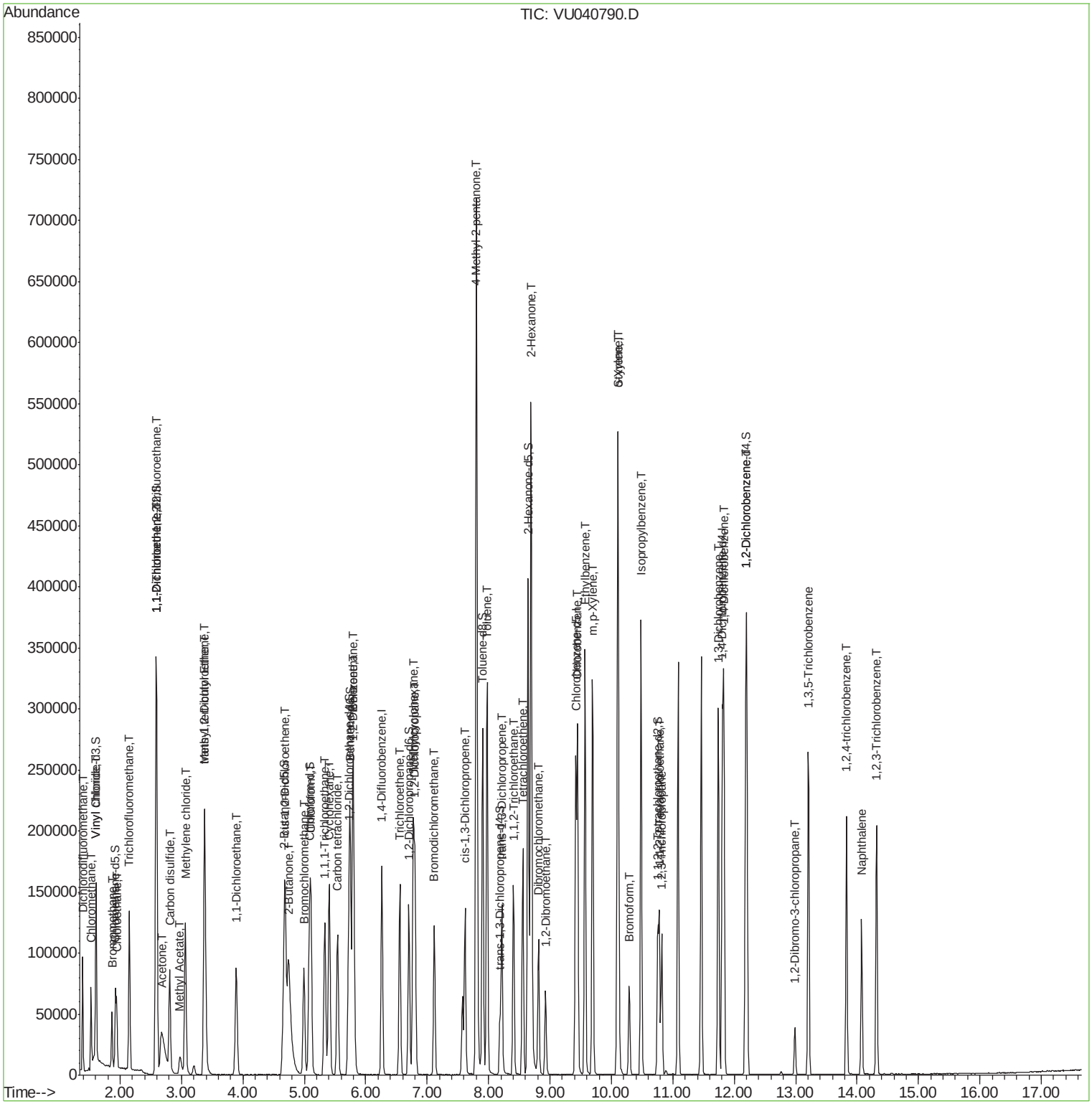
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101720\
Data File : VU040790.D
Acq On : 18 Oct 2020 03:00
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00516

Quant Time: Oct 19 03:12:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 19 03:08:11 2020
Response via : Initial Calibration



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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	126917	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	128746	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	65673	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	52260	4.97	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.40%			
7) Chloroethane-d5	1.93	69	43415	5.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.00%			
11) 1,1-Dichloroethene-d2	2.58	63	109791	5.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 106.80%			
20) 2-Butanone-d5	4.67	46	190467	56.60	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.20%			
24) Chloroform-d	5.08	84	99642	5.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.00%			
26) 1,2-Dichloroethane-d4	5.72	65	60642	5.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.80%			
32) Benzene-d6	5.75	84	190868	5.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.00%			
36) 1,2-Dichloropropane-d6	6.70	67	61148	5.30	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.00%			
41) Toluene-d8	7.91	98	174449	5.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.20%			
43) trans-1,3-Dichloropropene-	8.18	79	25109	5.14	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.80%			
46) 2-Hexanone-d5	8.64	63	140087	55.67	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.34%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	56379	5.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	63508	5.22	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	51102	4.444	ug/L	100
3) Chloromethane	1.53	50	43910	4.083	ug/L	96
5) Vinyl chloride	1.61	62	50848	4.490	ug/L #	76
6) Bromomethane	1.87	94	19464	3.165	ug/L	93
8) Chloroethane	1.94	64	32991	4.575	ug/L	93
9) Trichlorofluoromethane	2.15	101	81009	4.981	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	52715	4.993	ug/L	98
12) 1,1-Dichloroethene	2.59	96	46362	5.120	ug/L	89
13) Acetone	2.68	43	130368	49.976	ug/L	67
14) Carbon disulfide	2.81	76	103116	4.068	ug/L	99
15) Methyl Acetate	2.97	43	29990	5.035	ug/L	98
16) Methylene chloride	3.06	84	56635	4.871	ug/L	94
17) Methyl tert-butyl Ether	3.38	73	127928	4.996	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	44931	4.740	ug/L	96
19) 1,1-Dichloroethane	3.89	63	100894	5.146	ug/L	100
21) 2-Butanone	4.75	43	216262	53.175	ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	51546	5.042	ug/L	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	25617	5.044	ug/L	99
25) Chloroform	5.11	83	108861	5.439	ug/L	99
27) 1,2-Dichloroethane	5.81	62	76088	5.371	ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	87407	5.052	ug/L	100
30) Cyclohexane	5.41	56	70024	4.392	ug/L	98
31) Carbon tetrachloride	5.54	117	76714	5.181	ug/L	99
33) Benzene	5.79	78	208989	5.053	ug/L	100
34) Trichloroethene	6.56	95	51551	4.808	ug/L	98
35) Methylcyclohexane	6.78	83	64259	4.226	ug/L	98
37) 1,2-Dichloropropane	6.80	63	59712	5.181	ug/L	99
38) Bromodichloromethane	7.11	83	78996	5.362	ug/L	93
39) cis-1,3-Dichloropropene	7.62	75	76520	4.860	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	503998	54.854	ug/L	100
42) Toluene	7.98	91	218201	5.177	ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	74499	5.139	ug/L	97
45) 1,1,2-Trichloroethane	8.41	97	46755	5.417	ug/L	95
47) Tetrachloroethene	8.56	164	38200	4.994	ug/L	95
48) 2-Hexanone	8.69	43	385796	56.397	ug/L	99
49) Dibromochloromethane	8.81	129	55089	5.547	ug/L	96
50) 1,2-Dibromoethane	8.93	107	43477	5.310	ug/L	97
51) Chlorobenzene	9.45	112	138476	4.988	ug/L	99
52) Ethylbenzene	9.57	91	227288	4.983	ug/L	100
53) m,p-Xylene	9.69	106	86224	5.186	ug/L	96
54) o-Xylene	10.10	106	83348	5.213	ug/L	92
55) Styrene	10.11	104	150479	5.419	ug/L	99
56) Isopropylbenzene	10.48	105	222942	5.180	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	62142	5.483	ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	45600	5.387	ug/L	97
61) Bromoform	10.29	173	31385	5.575	ug/L	95
62) 1,3-Dichlorobenzene	11.74	146	112513	5.234	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	117197	5.288	ug/L	100
65) 1,2-Dichlorobenzene	12.21	146	113183	5.386	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	9640	5.239	ug/L	94
67) 1,3,5-Trichlorobenzene	13.21	180	76330	5.005	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	59853	5.079	ug/L	99
69) Naphthalene	14.08	128	94253	4.890	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	59112	5.402	ug/L	98

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