Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060123\
Data File : VU054381.D
Acq On : 01 Jun 2023 19:06
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV028

Quant Time: Jun 02 01:47:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM060123WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 02 01:40:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	353601	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	349647	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	193698	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	135020	49.139	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 98.280%			
7) Chloroethane-d5	1.903	69	101757	54.350	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.700%			
11) 1,1-Dichloroethene-d2	2.559	65	54678	49.002	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.000%			
21) 2-Butanone-d5	4.620	46	222941	101.251	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.250%			
24) Chloroform-d	5.057	84	238866	50.316	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.640%			
26) 1,2-Dichloroethane-d4	5.697	65	147041	50.059	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.120%			
32) Benzene-d6	5.720	84	473532	50.536	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.080%			
36) 1,2-Dichloropropane-d6	6.684	67	156634	49.876	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.760%			
41) Toluene-d8	7.893	98	426186	50.272	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.540%			
43) trans-1,3-Dichloroprop...	8.176	79	74426	50.418	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.840%			
47) 2-Hexanone-d5	8.629	63	151423	105.168	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.170%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	233729	49.756	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.520%			
66) 1,2-Dichlorobenzene-d4	12.189	152	172043	50.607	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.220%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	74606	55.579	ug/L	100
3) Chloromethane	1.517	50	90407	54.697	ug/L	99
5) Vinyl chloride	1.601	62	100643	55.561	ug/L	99
6) Bromomethane	1.851	94	45248	49.207	ug/L	99
8) Chloroethane	1.925	64	66374	64.079	ug/L	100
9) Trichlorofluoromethane	2.131	101	146778	55.262	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	96034	54.972	ug/L	99
12) 1,1-Dichloroethene	2.575	96	81342	55.642	ug/L	86
13) Acetone	2.630	43	129063	85.633	ug/L	99
14) Carbon disulfide	2.787	76	148574	55.146	ug/L	98
15) Methyl Acetate	2.945	43	137949	55.514	ug/L	99
16) Methylene chloride	3.041	84	110669	50.854	ug/L	97
17) trans-1,2-Dichloroethene	3.347	96	83169	56.619	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	341315	56.572	ug/L	99
19) 1,1-Dichloroethane	3.864	63	190917	55.754	ug/L	99
20) cis-1,2-Dichloroethene	4.658	96	110013	56.247	ug/L	98
22) 2-Butanone	4.700	43	203013	109.257	ug/L	100
23) Bromochloromethane	4.970	128	57458	56.849	ug/L	99
25) Chloroform	5.083	83	205897	56.408	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060123\
Data File : VU054381.D
Acq On : 01 Jun 2023 19:06
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

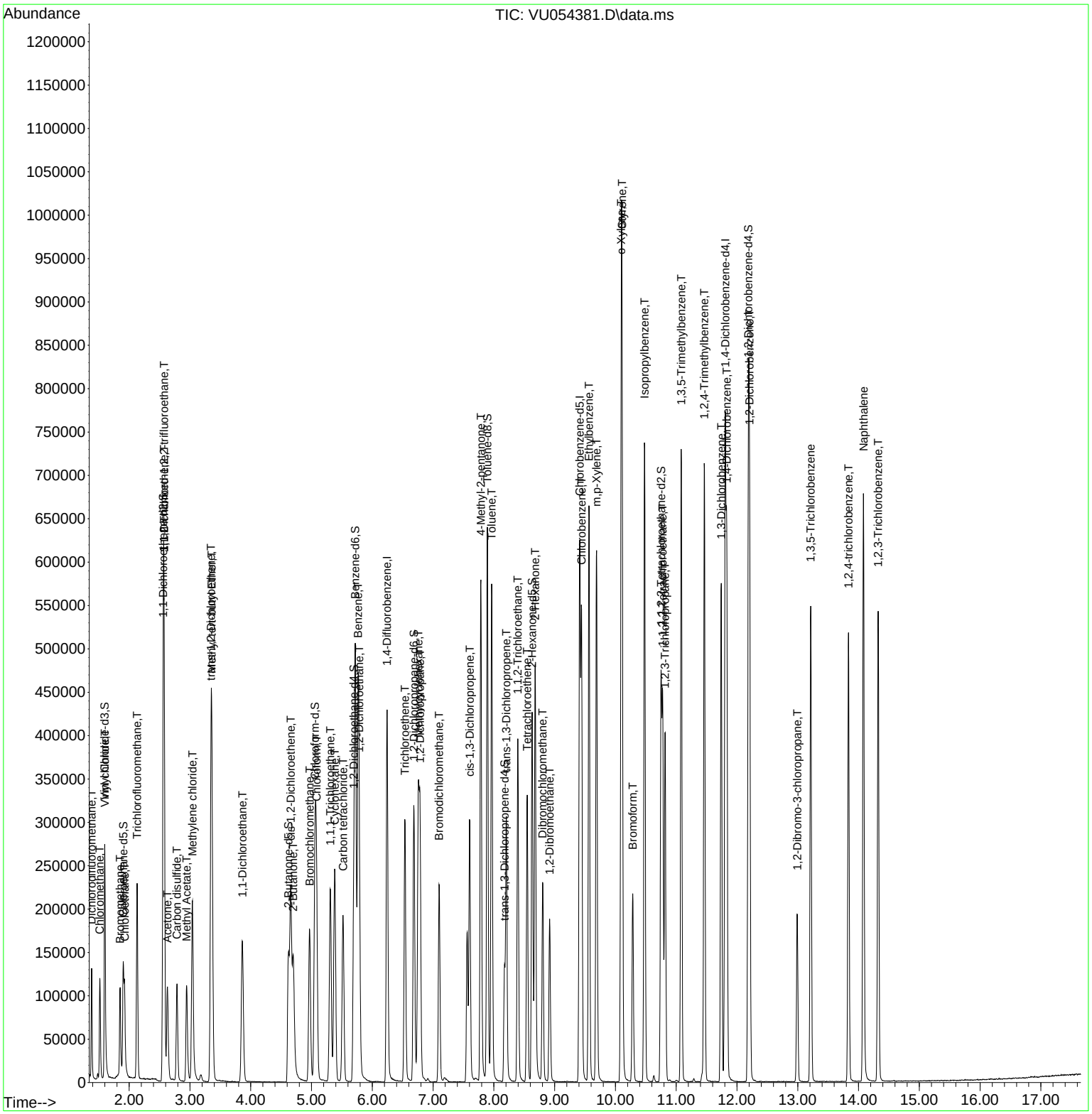
Instrument :
MSVOA_U
ClientSampleId :
VICV028

Quant Time: Jun 02 01:47:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM060123WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 02 01:40:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.787	62	147301	55.322	ug/L	100
29) Cyclohexane	5.382	56	124673	55.522	ug/L	100
30) 1,1,1-Trichloroethane	5.311	97	166196	56.489	ug/L	99
31) Carbon tetrachloride	5.520	117	134491	55.342	ug/L	98
33) Benzene	5.768	78	401251	56.821	ug/L	100
34) Trichloroethene	6.536	95	104940	55.908	ug/L	96
35) Methylcyclohexane	6.758	83	124623	53.834	ug/L	96
37) 1,2-Dichloropropane	6.787	63	118145	56.594	ug/L	99
38) Bromodichloromethane	7.099	83	151672	55.073	ug/L	98
39) cis-1,3-Dichloropropene	7.604	75	183497	56.898	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	378120	113.585	ug/L	100
42) Toluene	7.964	91	425830	57.179	ug/L	98
44) trans-1,3-Dichloropropene	8.205	75	176009	56.028	ug/L	99
45) 1,1,2-Trichloroethane	8.395	97	125070	56.625	ug/L	99
46) Tetrachloroethene	8.549	164	75706	54.762	ug/L	98
48) 2-Hexanone	8.681	43	306813	114.872	ug/L	99
49) Dibromochloromethane	8.803	129	118826	55.981	ug/L	99
50) 1,2-Dibromoethane	8.919	107	127087	56.083	ug/L	97
51) Chlorobenzene	9.443	112	285501	54.661	ug/L	98
52) Ethylbenzene	9.565	91	473297	56.233	ug/L	98
53) m,p-Xylene	9.690	106	175985	55.728	ug/L	98
54) o-Xylene	10.096	106	176697	56.327	ug/L	97
55) Styrene	10.108	104	319079	58.230	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	220623	56.466	ug/L	99
59) Bromoform	10.285	173	99070	57.365	ug/L	98
60) 1,2,3-Trichloropropane	10.816	75	168404	57.081	ug/L	99
61) Isopropylbenzene	10.478	105	482225	58.281	ug/L	100
62) 1,3,5-Trimethylbenzene	11.083	105	392872	59.030	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	390840	59.309	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	240446	56.748	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	246541	54.935	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	249340	56.666	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.993	75	48324	56.880	ug/L	96
69) 1,3,5-Trichlorobenzene	13.214	180	174042	55.094	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	159468	53.684	ug/L	100
71) Naphthalene	14.083	128	555314	59.523	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	169479	56.054	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060123\
Data File : VU054381.D
Acq On : 01 Jun 2023 19:06
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV028

Quant Time: Jun 02 01:47:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM060123WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 02 01:40:39 2023
Response via : Initial Calibration