Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021524\
Data File : VU057875.D
Acq On : 15 Feb 2024 15:34
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050143

Quant Time: Feb 15 21:31:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020724WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 15 21:28:35 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	250976	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	240362	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	129786	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	96125	47.851	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.700%			
7) Chloroethane-d5	1.882	69	74158	47.586	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.180%			
11) 1,1-Dichloroethene-d2	2.557	63	174237	47.226	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.460%			
21) 2-Butanone-d5	4.611	46	96955	86.967	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 86.970%			
24) Chloroform-d	5.052	84	174612	49.000	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.000%			
26) 1,2-Dichloroethane-d4	5.689	65	112294	49.710	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.420%			
32) Benzene-d6	5.717	84	341960	47.093	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.180%			
36) 1,2-Dichloropropane-d6	6.682	67	112363	49.000	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.000%			
41) Toluene-d8	7.891	98	305776	46.449	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.900%			
43) trans-1,3-Dichloroprop...	8.174	79	53406	47.609	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.220%			
47) 2-Hexanone-d5	8.627	63	91277	97.519	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.520%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	157894	52.895	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	117142	46.980	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	118372	53.347	ug/L	99
3) Chloromethane	1.515	50	118720	57.209	ug/L	100
5) Vinyl chloride	1.602	62	121324	55.336	ug/L	99
6) Bromomethane	1.824	94	41271	30.599	ug/L	98
8) Chloroethane	1.904	64	71288	54.466	ug/L	98
9) Trichlorofluoromethane	2.120	101	157558	51.395	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	93455	51.648	ug/L	99
12) 1,1-Dichloroethene	2.566	96	84009	50.836	ug/L	95
13) Acetone	2.611	43	114320	79.820	ug/L	100
14) Carbon disulfide	2.782	76	256272	50.219	ug/L	100
15) Methyl Acetate	2.933	43	97203	53.347	ug/L	95
16) Methylene chloride	3.033	84	98824	51.759	ug/L	94
17) trans-1,2-Dichloroethene	3.338	96	86914	51.612	ug/L	95
18) Methyl tert-butyl Ether	3.348	73	313830	53.089	ug/L	99
19) 1,1-Dichloroethane	3.856	63	186037	55.049	ug/L	99
20) cis-1,2-Dichloroethene	4.653	96	100343	51.623	ug/L	97
22) 2-Butanone	4.689	43	142334	93.255	ug/L	99
23) Bromochloromethane	4.962	128	48790	51.200	ug/L	96
25) Chloroform	5.074	83	184080	53.188	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021524\
Data File : VU057875.D
Acq On : 15 Feb 2024 15:34
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

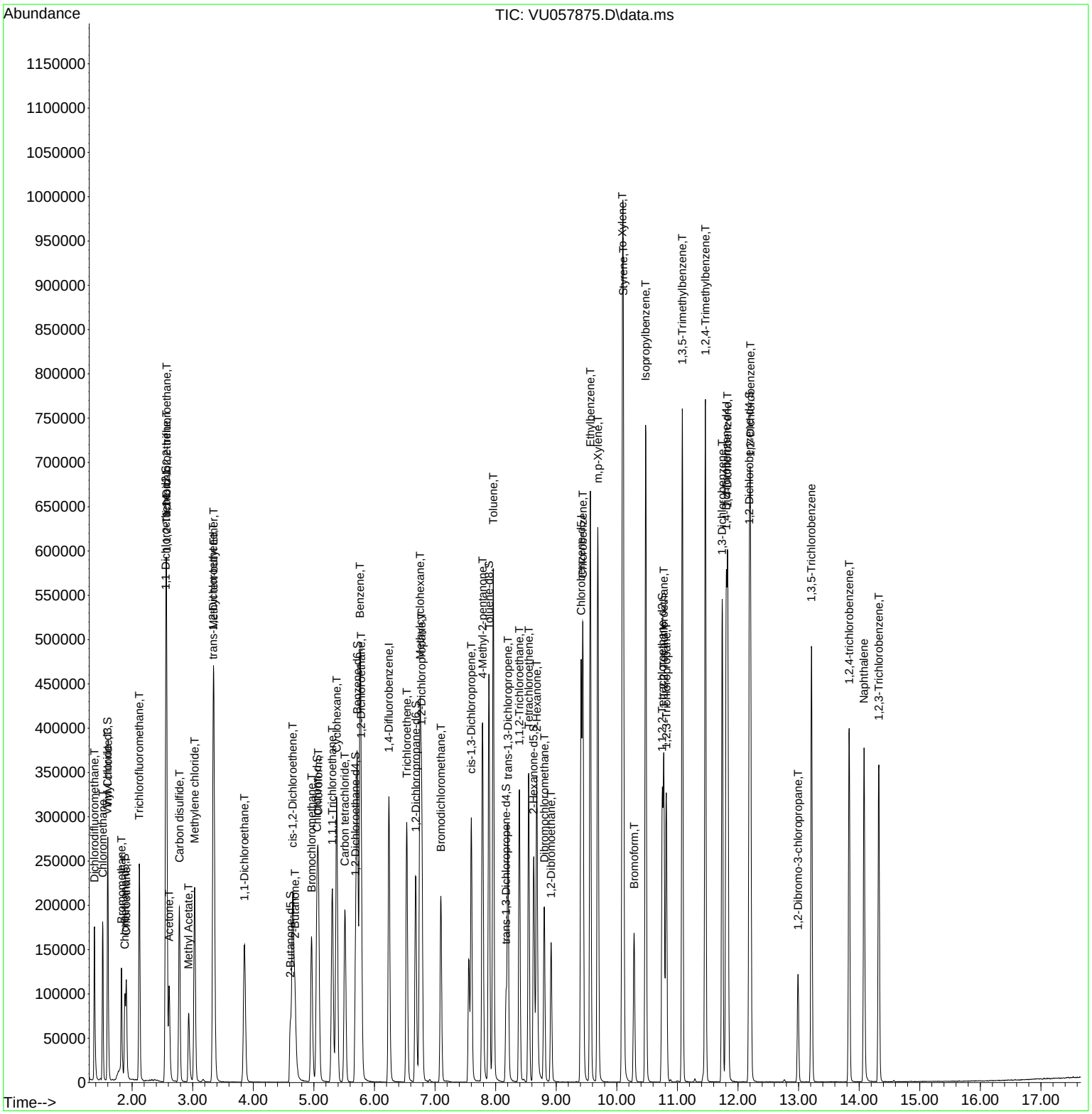
Instrument :
MSVOA_U
ClientSampleId :
VSTD050143

Quant Time: Feb 15 21:31:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020724WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 15 21:28:35 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.782	62	150673	52.573	ug/L		99
29) Cyclohexane	5.377	56	168484	53.869	ug/L		95
30) 1,1,1-Trichloroethane	5.306	97	157442	50.783	ug/L		99
31) Carbon tetrachloride	5.512	117	132146	48.955	ug/L		100
33) Benzene	5.762	78	396983	52.174	ug/L		100
34) Trichloroethene	6.534	95	102078	49.892	ug/L		98
35) Methylcyclohexane	6.753	83	166488	50.864	ug/L		95
37) 1,2-Dichloropropane	6.779	63	110872	53.148	ug/L		99
38) Bromodichloromethane	7.097	83	134951	51.379	ug/L		96
39) cis-1,3-Dichloropropene	7.598	75	176218	52.116	ug/L		99
40) 4-Methyl-2-pentanone	7.785	43	287074	110.551	ug/L		98
42) Toluene	7.962	91	413647	51.906	ug/L		99
44) trans-1,3-Dichloropropene	8.203	75	163106	52.543	ug/L		99
45) 1,1,2-Trichloroethane	8.393	97	99383	51.594	ug/L		98
46) Tetrachloroethene	8.547	164	69797	49.183	ug/L		97
48) 2-Hexanone	8.679	43	236495	104.690	ug/L		99
49) Dibromochloromethane	8.804	129	99038	50.978	ug/L		99
50) 1,2-Dibromoethane	8.917	107	102983	50.038	ug/L		100
51) Chlorobenzene	9.441	112	260196	51.411	ug/L		95
52) Ethylbenzene	9.563	91	467346	51.699	ug/L		100
53) m,p-Xylene	9.688	106	173148	52.118	ug/L		95
54) o-Xylene	10.094	106	171574	53.037	ug/L		94
55) Styrene	10.110	104	297683	55.124	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.775	83	174332	56.158	ug/L		99
59) Bromoform	10.286	173	73035	48.443	ug/L	#	99
60) 1,2,3-Trichloropropane	10.817	75	137054	50.447	ug/L		98
61) Isopropylbenzene	10.476	105	472148	49.798	ug/L		99
62) 1,3,5-Trimethylbenzene	11.081	105	409805	51.506	ug/L		99
63) 1,2,4-Trimethylbenzene	11.463	105	415395	52.163	ug/L		99
64) 1,3-Dichlorobenzene	11.740	146	207145	50.424	ug/L		94
65) 1,4-Dichlorobenzene	11.830	146	209651	49.755	ug/L		99
67) 1,2-Dichlorobenzene	12.206	146	204742	49.439	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.990	75	32278	46.842	ug/L		96
69) 1,3,5-Trichlorobenzene	13.212	180	139941	48.366	ug/L		100
70) 1,2,4-trichlorobenzene	13.836	180	110656	44.770	ug/L		97
71) Naphthalene	14.080	128	283967	42.858	ug/L		100
72) 1,2,3-Trichlorobenzene	14.325	180	102695	44.405	ug/L		99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021524\
Data File : VU057875.D
Acq On : 15 Feb 2024 15:34
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050143

Quant Time: Feb 15 21:31:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020724WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 15 21:28:35 2024
Response via : Initial Calibration