Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061125\
Data File : VU063388.D
Acq On : 11 Jun 2025 17:14
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050106EC

Quant Time: Jun 12 08:37:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061125WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 11 13:45:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	147926	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	152032	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	82590	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	52086	46.642	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.280%			
7) Chloroethane-d5	1.901	69	50573	46.538	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.080%			
11) 1,1-Dichloroethene-d2	2.554	63	98717	46.525	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.040%			
21) 2-Butanone-d5	4.615	46	104557	107.900	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.900%			
24) Chloroform-d	5.049	84	113395	47.770	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.540%			
26) 1,2-Dichloroethane-d4	5.692	65	70358	48.397	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.800%			
32) Benzene-d6	5.714	84	225315	49.000	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.000%			
36) 1,2-Dichloropropane-d6	6.682	67	75658	48.512	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.020%			
41) Toluene-d8	7.888	98	202658	50.229	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.460%			
43) trans-1,3-Dichloroprop...	8.174	79	31259	49.808	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.620%			
47) 2-Hexanone-d5	8.624	63	63732	110.067	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.070%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	119144	50.020	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.040%			
66) 1,2-Dichlorobenzene-d4	12.183	152	74034	48.993	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.980%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	69699	49.041	ug/L	99
3) Chloromethane	1.522	50	80203	49.956	ug/L	100
5) Vinyl chloride	1.599	62	87825	49.734	ug/L	99
6) Bromomethane	1.843	94	49730	50.047	ug/L	96
8) Chloroethane	1.923	64	55246	50.008	ug/L	95
9) Trichlorofluoromethane	2.126	101	102500	49.306	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.566	101	58693	47.372	ug/L	99
12) 1,1-Dichloroethene	2.566	96	55249	50.110	ug/L	90
13) Acetone	2.618	43	84779	115.451	ug/L	96
14) Carbon disulfide	2.779	76	177239	48.682	ug/L	99
15) Methyl Acetate	2.939	43	83729	54.960	ug/L #	100
16) Methylene chloride	3.033	84	70255	49.124	ug/L	98
17) trans-1,2-Dichloroethene	3.341	96	59566	50.262	ug/L	98
18) Methyl tert-butyl Ether	3.354	73	183110	51.507	ug/L	100
19) 1,1-Dichloroethane	3.853	63	124238	50.078	ug/L	99
20) cis-1,2-Dichloroethene	4.653	96	68255	50.665	ug/L	96
22) 2-Butanone	4.692	43	125478	115.527	ug/L	95
23) Bromochloromethane	4.962	128	36516	50.721	ug/L	97
25) Chloroform	5.074	83	123913	50.076	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061125\
Data File : VU063388.D
Acq On : 11 Jun 2025 17:14
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050106EC

Quant Time: Jun 12 08:37:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061125WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 11 13:45:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	97854	50.402	ug/L	98
29) Cyclohexane	5.377	56	102612	50.855	ug/L	98
30) 1,1,1-Trichloroethane	5.303	97	98253	51.180	ug/L	99
31) Carbon tetrachloride	5.512	117	80327	49.766	ug/L	99
33) Benzene	5.763	78	280165	53.021	ug/L	100
34) Trichloroethene	6.531	95	68353	50.330	ug/L	97
35) Methylcyclohexane	6.753	83	98262	48.910	ug/L	99
37) 1,2-Dichloropropane	6.779	63	81686	52.120	ug/L	100
38) Bromodichloromethane	7.094	83	92116	49.840	ug/L	100
39) cis-1,3-Dichloropropene	7.598	75	110743	52.127	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	224037	115.252	ug/L	100
42) Toluene	7.962	91	291735	52.848	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	105368	52.994	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	74041	51.613	ug/L	98
46) Tetrachloroethene	8.544	164	50208	50.020	ug/L	97
48) 2-Hexanone	8.676	43	184220	121.513	ug/L	98
49) Dibromochloromethane	8.801	129	70190	51.568	ug/L	100
50) 1,2-Dibromoethane	8.914	107	75825	51.734	ug/L	97
51) Chlorobenzene	9.438	112	180651	50.477	ug/L	100
52) Ethylbenzene	9.563	91	294880	51.020	ug/L	98
53) m,p-Xylene	9.685	106	113019	52.852	ug/L	96
54) o-Xylene	10.094	106	107257	52.614	ug/L	96
55) Styrene	10.106	104	192189	54.898	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	133443	52.055	ug/L	99
59) Bromoform	10.280	173	54340	49.600	ug/L	99
60) 1,2,3-Trichloropropane	10.814	75	104385	52.557	ug/L	100
61) Isopropylbenzene	10.476	105	284182	52.098	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	219534	52.078	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	212424	53.043	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	136778	50.527	ug/L	97
65) 1,4-Dichlorobenzene	11.827	146	137756	49.503	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	136140	49.807	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	28705	53.746	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	88622	48.345	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	71753	50.413	ug/L	99
71) Naphthalene	14.081	128	209334	54.540	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	74476	52.864	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061125\
Data File : VU063388.D
Acq On : 11 Jun 2025 17:14
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050106EC

Quant Time: Jun 12 08:37:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061125WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 11 13:45:27 2025
Response via : Initial Calibration