

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
 Data File : VU055713.D
 Acq On : 10 Oct 2023 11:13
 Operator : MD/SY
 Sample : VSTD10038
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100038

Quant Time: Oct 11 05:00:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 11 04:58:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	408820	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	422464	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	243279	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	376597	116.549	ug/L	0.00
7) Chloroethane-d5	1.908	69	305197	98.095	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.567	63	670188	137.177	ug/L	0.00
21) 2-Butanone-d5	4.608	46	574886	265.702	ug/L	0.00
24) Chloroform-d	5.059	84	708142	132.880	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	444226	137.325	ug/L	0.00
32) Benzene-d6	5.724	84	1417331	131.604	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	438527	122.048	ug/L	0.00
41) Toluene-d8	7.894	98	1310095	128.834	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	222119	122.818	ug/L	0.00
47) 2-Hexanone-d5	8.628	63	388062	240.383	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	673663	107.361	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	507476	119.183	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	334417	107.725	ug/L	100
3) Chloromethane	1.518	50	312196	91.193	ug/L	99
5) Vinyl chloride	1.602	62	350036	81.159	ug/L	98
6) Bromomethane	1.850	94	226008	84.725	ug/L	99
8) Chloroethane	1.930	64	226942	76.707	ug/L	99
9) Trichlorofluoromethane	2.136	101	495222	73.061	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.580	101	324413	117.640	ug/L	99
12) 1,1-Dichloroethene	2.580	96	291185	113.356	ug/L	96
13) Acetone	2.615	43	510277	273.746	ug/L	98
14) Carbon disulfide	2.792	76	871364	114.595	ug/L	98
15) Methyl Acetate	2.940	43	388184	128.311	ug/L	98
16) Methylene chloride	3.039	84	335662	107.939	ug/L	98
17) trans-1,2-Dichloroethene	3.351	96	304374	114.339	ug/L	96
18) Methyl tert-butyl Ether	3.358	73	989094	108.891	ug/L	99
19) 1,1-Dichloroethane	3.862	63	599390	116.249	ug/L	99
20) cis-1,2-Dichloroethene	4.663	96	350805	111.289	ug/L	98
22) 2-Butanone	4.689	43	635080	255.309	ug/L	99
23) Bromochloromethane	4.969	128	177184	109.859	ug/L	99
25) Chloroform	5.084	83	623141	115.367	ug/L	100
27) 1,2-Dichloroethane	5.788	62	508405	121.864	ug/L	98
29) Cyclohexane	5.386	56	527303	112.482	ug/L	99
30) 1,1,1-Trichloroethane	5.313	97	542032	113.270	ug/L	100
31) Carbon tetrachloride	5.522	117	477297	115.417	ug/L	98
33) Benzene	5.769	78	1356264	110.590	ug/L	100
34) Trichloroethene	6.538	95	362448	115.086	ug/L	99
35) Methylcyclohexane	6.759	83	583031	115.561	ug/L	99
37) 1,2-Dichloropropane	6.785	63	368557	108.911	ug/L	100
38) Bromodichloromethane	7.100	83	483011	111.541	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	598405	108.850	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	1082201	212.610	ug/L	98
42) Toluene	7.965	91	1478932	108.735	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	570386	109.960	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
 Data File : VU055713.D
 Acq On : 10 Oct 2023 11:13
 Operator : MD/SY
 Sample : VSTD10038
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100038

Quant Time: Oct 11 05:00:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 11 04:58:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.396	97	356190	104.354	ug/L	98
46) Tetrachloroethene	8.550	164	263550	110.631	ug/L	98
48) 2-Hexanone	8.679	43	938487	220.316	ug/L	99
49) Dibromochloromethane	8.804	129	377109	107.358	ug/L	100
50) 1,2-Dibromoethane	8.920	107	391339	106.956	ug/L	99
51) Chlorobenzene	9.444	112	918717	104.813	ug/L	99
52) Ethylbenzene	9.566	91	1659831	107.076	ug/L	99
53) m,p-Xylene	9.692	106	627804	106.286	ug/L	98
54) o-Xylene	10.097	106	602252	101.095	ug/L	97
55) Styrene	10.110	104	1061717	102.466	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.779	83	626563	95.644	ug/L	100
59) Bromoform	10.287	173	298374	99.475	ug/L	98
60) 1,2,3-Trichloropropane	10.817	75	511296	106.817	ug/L	99
61) Isopropylbenzene	10.483	105	1650137	104.256	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	1411786	108.464	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	1411374	109.192	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	771655	104.355	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	784099	105.013	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	757626	102.423	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	170769	128.119	ug/L	98
69) 1,3,5-Trichlorobenzene	13.216	180	549772	111.438	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	481381	114.166	ug/L	98
71) Naphthalene	14.084	128	1563783	114.310	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	481426	116.289	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055713.D
Acq On : 10 Oct 2023 11:13
Operator : MD/SY
Sample : VSTD10038
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD100038

Quant Time: Oct 11 05:00:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 11 04:58:37 2023
Response via : Initial Calibration

