

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
 Data File : VU053491.D
 Acq On : 31 Mar 2023 14:04
 Operator : JC/MD
 Sample : VSTD20015
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200015

Quant Time: Apr 01 04:39:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:36:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	294186	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	285912	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	174014	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	528491	199.840	ug/L	0.00
7) Chloroethane-d5	1.903	69	403183	190.087	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	63	794847	195.190	ug/L	0.00
21) 2-Butanone-d5	4.607	46	486301	460.149	ug/L	0.00
24) Chloroform-d	5.057	84	861986	197.700	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.694	65	517612	197.509	ug/L	0.00
32) Benzene-d6	5.723	84	1711584	187.976	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.684	67	520523	185.560	ug/L	0.00
41) Toluene-d8	7.893	98	1743965	195.471	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.173	79	289012	191.059	ug/L	0.00
47) 2-Hexanone-d5	8.626	63	397650	455.741	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	786385	201.791	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	832020	218.892	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	477567	204.265	ug/L	100
3) Chloromethane	1.520	50	393125	185.226	ug/L	98
5) Vinyl chloride	1.601	62	466863	181.033	ug/L	100
6) Bromomethane	1.842	94	341688	190.394	ug/L	98
8) Chloroethane	1.925	64	272475	173.870	ug/L	98
9) Trichlorofluoromethane	2.134	101	712969	180.647	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	407860	199.380	ug/L	100
12) 1,1-Dichloroethene	2.575	96	367208	191.666	ug/L	90
13) Acetone	2.617	43	380379	395.592	ug/L	99
14) Carbon disulfide	2.787	76	1016787	182.031	ug/L	97
15) Methyl Acetate	2.938	43	286717	200.575	ug/L	95
16) Methylene chloride	3.041	84	387442	169.152	ug/L	97
17) trans-1,2-Dichloroethene	3.346	96	377963	185.854	ug/L	98
18) Methyl tert-butyl Ether	3.356	73	1084914	173.893	ug/L	100
19) 1,1-Dichloroethane	3.861	63	612911	177.210	ug/L	99
20) cis-1,2-Dichloroethene	4.658	96	428736	186.727	ug/L	98
22) 2-Butanone	4.690	43	462586	405.758	ug/L	96
23) Bromochloromethane	4.967	128	235715	187.853	ug/L	99
25) Chloroform	5.080	83	702182	180.530	ug/L	100
27) 1,2-Dichloroethane	5.787	62	512002	184.424	ug/L	99
29) Cyclohexane	5.382	56	547831	167.677	ug/L	99
30) 1,1,1-Trichloroethane	5.311	97	624558	173.851	ug/L	99
31) Carbon tetrachloride	5.520	117	568428	180.288	ug/L	99
33) Benzene	5.768	78	1457763	170.811	ug/L	100
34) Trichloroethene	6.536	95	446751	188.790	ug/L	98
35) Methylcyclohexane	6.758	83	674968	172.304	ug/L	99
37) 1,2-Dichloropropane	6.784	63	371455	171.116	ug/L	99
38) Bromodichloromethane	7.099	83	525585	170.466	ug/L	99
39) cis-1,3-Dichloropropene	7.600	75	641850	173.745	ug/L	98
40) 4-Methyl-2-pentanone	7.784	43	850669	395.279	ug/L	100
42) Toluene	7.964	91	1688722	174.558	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	628357	176.170	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
 Data File : VU053491.D
 Acq On : 31 Mar 2023 14:04
 Operator : JC/MD
 Sample : VSTD20015
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200015

Quant Time: Apr 01 04:39:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:36:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.394	97	415237	183.270	ug/L	98
46) Tetrachloroethene	8.549	164	375019	198.452	ug/L	99
48) 2-Hexanone	8.677	43	715105	417.846	ug/L	98
49) Dibromochloromethane	8.806	129	469056	176.066	ug/L	98
50) 1,2-Dibromoethane	8.919	107	477131	192.493	ug/L	99
51) Chlorobenzene	9.443	112	1158033	184.332	ug/L	99
52) Ethylbenzene	9.565	91	1935611	181.532	ug/L	100
53) m,p-Xylene	9.687	106	764968	182.101	ug/L	99
54) o-xylene	10.095	106	760060	182.467	ug/L	99
55) Styrene	10.108	104	1307346	187.375	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	628198	180.510	ug/L	99
59) Bromoform	10.285	173	399430	182.449	ug/L	100
60) 1,2,3-Trichloropropane	10.816	75	492506	174.948	ug/L	98
61) Isopropylbenzene	10.478	105	2022098	172.500	ug/L	100
62) 1,3,5-Trimethylbenzene	11.082	105	1742821	170.220	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	1753793	175.729	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	1071915	198.766	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	1089611	200.734	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	1085177	199.688	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.989	75	148833	177.966	ug/L	94
69) 1,3,5-Trichlorobenzene	13.214	180	832758	201.333	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	794227	213.257	ug/L	100
71) Naphthalene	14.079	128	2351012	211.025	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	783048	214.021	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
 Data File : VU053491.D
 Acq On : 31 Mar 2023 14:04
 Operator : JC/MD
 Sample : VSTD20015
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200015

Quant Time: Apr 01 04:39:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:36:17 2023
 Response via : Initial Calibration

