

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060123\
 Data File : VU054380.D
 Acq On : 01 Jun 2023 17:54
 Operator : JC/MD
 Sample : VSTD20027
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200027

Quant Time: Jun 02 01:31:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM060123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 02 01:29:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	379355	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	372970	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	217527	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	581298	197.195	ug/L	0.00
7) Chloroethane-d5	1.900	69	328223	163.409	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.559	65	235122	196.408	ug/L	0.00
21) 2-Butanone-d5	4.617	46	965098	408.555	ug/L	0.00
24) Chloroform-d	5.054	84	995507	195.463	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.694	65	608962	193.242	ug/L	0.00
32) Benzene-d6	5.719	84	1986099	198.706	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.684	67	658510	196.573	ug/L	0.00
41) Toluene-d8	7.893	98	1810702	200.231	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.173	79	323286	205.308	ug/L	0.00
47) 2-Hexanone-d5	8.629	63	696771	453.667	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	999182	199.405	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	753073	197.253	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	262812	182.493	ug/L	99
3) Chloromethane	1.517	50	314958	177.617	ug/L	98
5) Vinyl chloride	1.601	62	355531	182.948	ug/L	100
6) Bromomethane	1.848	94	155498	157.622	ug/L	98
8) Chloroethane	1.919	64	174240	156.796	ug/L	99
9) Trichlorofluoromethane	2.128	101	515519	180.916	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	334595	178.528	ug/L	99
12) 1,1-Dichloroethene	2.572	96	287378	183.237	ug/L	100
13) Acetone	2.629	43	485186	300.064	ug/L	100
14) Carbon disulfide	2.787	76	536024	185.449	ug/L	98
15) Methyl Acetate	2.945	43	488353	183.182	ug/L	99
16) Methylene chloride	3.038	84	372397	159.505	ug/L	98
17) trans-1,2-Dichloroethene	3.343	96	292265	185.457	ug/L	99
18) Methyl tert-butyl Ether	3.359	73	1225157	189.281	ug/L	99
19) 1,1-Dichloroethane	3.861	63	668451	181.958	ug/L	98
20) cis-1,2-Dichloroethene	4.658	96	392274	186.945	ug/L	98
22) 2-Butanone	4.700	43	742867	356.499	ug/L	100
23) Bromochloromethane	4.967	128	198503	183.067	ug/L	98
25) Chloroform	5.080	83	705963	180.275	ug/L	99
27) 1,2-Dichloroethane	5.787	62	520221	182.117	ug/L	100
29) Cyclohexane	5.382	56	464221	193.808	ug/L	98
30) 1,1,1-Trichloroethane	5.308	97	573337	182.688	ug/L	99
31) Carbon tetrachloride	5.517	117	484034	186.722	ug/L	97
33) Benzene	5.768	78	1387627	184.215	ug/L	100
34) Trichloroethene	6.536	95	366252	182.922	ug/L	99
35) Methylcyclohexane	6.758	83	481489	194.984	ug/L	98
37) 1,2-Dichloropropane	6.784	63	414177	185.993	ug/L	100
38) Bromodichloromethane	7.099	83	541618	184.365	ug/L	99
39) cis-1,3-Dichloropropene	7.600	75	651067	189.256	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	1386851	390.552	ug/L	99
42) Toluene	7.964	91	1495633	188.271	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	655197	195.522	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060123\
 Data File : VU054380.D
 Acq On : 01 Jun 2023 17:54
 Operator : JC/MD
 Sample : VSTD20027
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200027

Quant Time: Jun 02 01:31:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM060123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 02 01:29:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.394	97	430345	182.653	ug/L	99
46) Tetrachloroethene	8.549	164	265823	180.260	ug/L	99
48) 2-Hexanone	8.681	43	1098724	379.674	ug/L	99
49) Dibromochloromethane	8.806	129	433486	191.453	ug/L	98
50) 1,2-Dibromoethane	8.919	107	440596	182.274	ug/L	98
51) Chlorobenzene	9.443	112	1020717	183.203	ug/L	98
52) Ethylbenzene	9.565	91	1750912	195.020	ug/L	99
53) m,p-Xylene	9.690	106	651869	193.513	ug/L	98
54) o-Xylene	10.095	106	661313	197.628	ug/L	100
55) Styrene	10.108	104	1175761	201.151	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	775732	186.124	ug/L	99
59) Bromoform	10.285	173	371245	191.414	ug/L	98
60) 1,2,3-Trichloropropane	10.819	75	602171	181.750	ug/L	98
61) Isopropylbenzene	10.478	105	1797813	193.480	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	1526862	204.283	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	1526421	206.258	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	885133	186.016	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	906118	179.785	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	902474	182.632	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.989	75	186066	195.019	ug/L	96
69) 1,3,5-Trichlorobenzene	13.214	180	678830	191.346	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	657343	197.048	ug/L	99
71) Naphthalene	14.079	128	2244120	214.192	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	665721	196.062	ug/L	100

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

