

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
 Data File : VU053490.D
 Acq On : 31 Mar 2023 13:40
 Operator : JC/MD
 Sample : VSTD10014
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100014

Quant Time: Apr 01 04:39:05 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	305299	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	290626	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	171473	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	234793	85.552	ug/L	0.00
7) Chloroethane-d5	1.906	69	180988	82.224	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	366082	86.626	ug/L	0.00
21) 2-Butanone-d5	4.610	46	221049	201.548	ug/L	0.00
24) Chloroform-d	5.057	84	392519	86.749	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.694	65	234331	86.161	ug/L	0.00
32) Benzene-d6	5.722	84	780916	84.374	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.684	67	235196	82.485	ug/L	0.00
41) Toluene-d8	7.893	98	788983	86.998	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.173	79	126156	82.046	ug/L	0.00
47) 2-Hexanone-d5	8.626	63	171609	193.489	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.748	84	340800	86.033	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.188	152	346393	92.481	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	244916	100.943	ug/L	99
3) Chloromethane	1.520	50	197044	89.460	ug/L	98
5) Vinyl chloride	1.604	62	234609	87.661	ug/L	99
6) Bromomethane	1.848	94	170911	91.768	ug/L	98
8) Chloroethane	1.928	64	137209	84.368	ug/L	97
9) Trichlorofluoromethane	2.134	101	363678	88.792	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	208152	98.050	ug/L	99
12) 1,1-Dichloroethene	2.578	96	186282	93.692	ug/L	92
13) Acetone	2.616	43	204661	205.099	ug/L	98
14) Carbon disulfide	2.790	76	507602	87.566	ug/L	98
15) Methyl Acetate	2.941	43	150147	101.213	ug/L	96
16) Methylene chloride	3.041	84	197817	83.220	ug/L	97
17) trans-1,2-Dichloroethene	3.346	96	190027	90.040	ug/L	98
18) Methyl tert-butyl Ether	3.356	73	546227	84.364	ug/L	99
19) 1,1-Dichloroethane	3.864	63	312966	87.193	ug/L	100
20) cis-1,2-Dichloroethene	4.661	96	218384	91.651	ug/L	99
22) 2-Butanone	4.690	43	237061	200.370	ug/L	94
23) Bromochloromethane	4.967	128	121108	93.004	ug/L	98
25) Chloroform	5.079	83	355830	88.153	ug/L	99
27) 1,2-Dichloroethane	5.787	62	261466	90.752	ug/L	99
29) Cyclohexane	5.382	56	280752	84.537	ug/L	100
30) 1,1,1-Trichloroethane	5.311	97	318812	87.305	ug/L	99
31) Carbon tetrachloride	5.520	117	289875	90.448	ug/L	100
33) Benzene	5.768	78	746792	86.085	ug/L	100
34) Trichloroethene	6.536	95	224438	93.306	ug/L	96
35) Methylcyclohexane	6.758	83	341759	85.828	ug/L	99
37) 1,2-Dichloropropane	6.784	63	187814	85.116	ug/L	100
38) Bromodichloromethane	7.099	83	260335	83.067	ug/L	99
39) cis-1,3-Dichloropropene	7.600	75	335412	89.322	ug/L	99
40) 4-Methyl-2-pentanone	7.784	43	425554	194.534	ug/L	99
42) Toluene	7.964	91	862620	87.720	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	311418	85.895	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
 Data File : VU053490.D
 Acq On : 31 Mar 2023 13:40
 Operator : JC/MD
 Sample : VSTD10014
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100014

Quant Time: Apr 01 04:39:05 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	212127	92.106	ug/L	99
46) Tetrachloroethene	8.549	164	189299	98.548	ug/L	98
48) 2-Hexanone	8.677	43	353384	203.138	ug/L	99
49) Dibromochloromethane	8.803	129	231811	85.602	ug/L	99
50) 1,2-Dibromoethane	8.918	107	243385	96.598	ug/L	97
51) Chlorobenzene	9.443	112	587071	91.932	ug/L	99
52) Ethylbenzene	9.565	91	958506	88.436	ug/L	99
53) m,p-Xylene	9.690	106	382637	89.610	ug/L	99
54) o-xylene	10.095	106	373414	88.191	ug/L	96
55) Styrene	10.108	104	637827	89.934	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	308443	87.192	ug/L	97
59) Bromoform	10.285	173	183347	84.989	ug/L	100
60) 1,2,3-Trichloropropane	10.816	75	242470	87.406	ug/L	99
61) Isopropylbenzene	10.478	105	1005791	87.073	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	855378	84.782	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	849378	86.369	ug/L	99
64) 1,3-Dichlorobenzene	11.738	146	512807	96.499	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	516788	96.616	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	514620	96.101	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	69698	84.576	ug/L	97
69) 1,3,5-Trichlorobenzene	13.214	180	392337	96.260	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	369099	100.575	ug/L	100
71) Naphthalene	14.079	128	1120620	102.077	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	367772	102.008	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
Data File : VU053490.D
Acq On : 31 Mar 2023 13:40
Operator : JC/MD
Sample : VSTD10014
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD100014

Quant Time: Apr 01 04:39:05 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

