

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021022\
 Data File : VU047074.D
 Acq On : 10 Feb 2022 15:01
 Operator : SY/MD
 Sample : VSTD01044
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010044

Quant Time: Feb 10 15:50:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 10 15:49:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	532481	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	495720	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	254788	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	48273	10.268	ug/L	0.00
7) Chloroethane-d5	1.919	69	35547	10.127	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	80917	10.211	ug/L	0.00
21) 2-Butanone-d5	4.626	46	73447	21.026	ug/L	0.00
24) Chloroform-d	5.070	84	80034	9.781	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	50598	9.743	ug/L	0.00
32) Benzene-d6	5.732	84	165982	10.587	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	53382	10.978	ug/L	0.00
41) Toluene-d8	7.899	98	158755	11.235	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	27945	11.775	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	57985	22.503	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	75245	10.139	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	62141	11.451	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	51053	10.505	ug/L	100
3) Chloromethane	1.527	50	50223	11.353	ug/L	99
5) Vinyl chloride	1.607	62	50405	11.087	ug/L	100
6) Bromomethane	1.864	94	28024	9.814	ug/L	87
8) Chloroethane	1.938	64	29193	10.615	ug/L	99
9) Trichlorofluoromethane	2.144	101	59399	9.214	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	36398	9.910	ug/L	95
12) 1,1-Dichloroethene	2.588	96	34868	9.999	ug/L	99
13) Acetone	2.633	43	60335	19.347	ug/L	96
14) Carbon disulfide	2.800	76	110019	10.485	ug/L	98
15) Methyl Acetate	2.954	43	46241	11.121	ug/L	96
16) Methylene chloride	3.054	84	38965	9.146	ug/L	96
17) trans-1,2-Dichloroethene	3.359	96	36594	10.035	ug/L	96
18) Methyl tert-butyl Ether	3.366	73	126141	11.436	ug/L	96
19) 1,1-Dichloroethane	3.877	63	69571	10.418	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	40905	10.438	ug/L #	97
22) 2-Butanone	4.707	43	76847	21.033	ug/L	97
23) Bromochloromethane	4.980	128	21983	10.527	ug/L	98
25) Chloroform	5.092	83	68116	9.515	ug/L	99
27) 1,2-Dichloroethane	5.797	62	53879	9.778	ug/L	96
29) Cyclohexane	5.391	56	65511	12.234	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	61070	10.261	ug/L	99
31) Carbon tetrachloride	5.530	117	53108	10.266	ug/L	99
33) Benzene	5.777	78	158405	10.821	ug/L	100
34) Trichloroethene	6.546	95	41071	10.646	ug/L	99
35) Methylcyclohexane	6.768	83	67011	11.142	ug/L	94
37) 1,2-Dichloropropane	6.793	63	42236	11.184	ug/L	99
38) Bromodichloromethane	7.108	83	53794	10.484	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	69633	11.830	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	134496	25.292	ug/L	93
42) Toluene	7.973	91	174475	11.277	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	65200	11.423	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021022\
 Data File : VU047074.D
 Acq On : 10 Feb 2022 15:01
 Operator : SY/MD
 Sample : VSTD010044
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010044

Quant Time: Feb 10 15:50:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 10 15:49:29 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	40668	10.669	ug/L	99
46) Tetrachloroethene	8.555	164	33512	11.352	ug/L	97
48) 2-Hexanone	8.684	43	110375	24.717	ug/L	95
49) Dibromochloromethane	8.812	129	45629	10.758	ug/L	98
50) 1,2-Dibromoethane	8.925	107	44029	10.991	ug/L	99
51) Chlorobenzene	9.449	112	111599	11.040	ug/L	99
52) Ethylbenzene	9.571	91	189231	11.445	ug/L	100
53) m,p-Xylene	9.697	106	76008	11.863	ug/L	96
54) o-xylene	10.102	106	74280	12.090	ug/L	96
55) Styrene	10.115	104	126888	11.851	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	68928	10.318	ug/L	98
59) Bromoform	10.291	173	35866	11.422	ug/L	96
60) 1,2,3-Trichloropropane	10.825	75	57575	10.844	ug/L	96
61) Isopropylbenzene	10.484	105	189375	12.138	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	133234	10.579	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	160640	12.303	ug/L	96
64) 1,3-Dichlorobenzene	11.748	146	86836	11.135	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	88061	10.888	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	86363	11.052	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	18310	11.460	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	66934	11.158	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	63158	12.147	ug/L	99
71) Naphthalene	14.086	128	226920	13.345	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	62855	12.044	ug/L	99

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

