

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022023\
 Data File : VU053140.D
 Acq On : 20 Feb 2023 09:24
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005143

Quant Time: Feb 20 12:47:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 19 23:26:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	141007	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	126926	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	63053	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	27664	4.095	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.913	69	29376	4.626	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.566	65	12698	4.098	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	4.649	46	115769	55.958	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.920%
24) Chloroform-d	5.061	84	76710	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.698	65	38909	4.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.723	84	136549	4.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.688	67	48351	4.867	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.897	98	119663	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.177	79	18846	4.686	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.633	63	94109	52.709	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.420%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	43536	5.103	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	46536	4.940	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.386	85	52062	5.029	ug/L	99
3) Chloromethane	1.518	50	55378	5.134	ug/L	99
5) Vinyl chloride	1.601	62	60769	5.114	ug/L	99
6) Bromomethane	1.858	94	36837	4.984	ug/L	99
8) Chloroethane	1.932	64	35681	5.099	ug/L	96
9) Trichlorofluoromethane	2.138	101	81786	4.996	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	46962	5.211	ug/L	97
12) 1,1-Dichloroethene	2.579	96	43169	5.175	ug/L	98
13) Acetone	2.666	43	59480	40.052	ug/L #	67
14) Carbon disulfide	2.791	76	131866	5.235	ug/L	100
15) Methyl Acetate	2.961	43	17326	4.778	ug/L #	86
16) Methylene chloride	3.042	84	48240	4.999	ug/L	99
17) Methyl tert-butyl Ether	3.360	73	116721	5.153	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	45763	5.185	ug/L	96
19) 1,1-Dichloroethane	3.865	63	88516	5.324	ug/L	97
21) 2-Butanone	4.727	43	115833	52.798	ug/L	99
22) cis-1,2-Dichloroethene	4.662	96	52514	5.272	ug/L	97
23) Bromochloromethane	4.971	128	21903	5.552	ug/L	99
25) Chloroform	5.083	83	88773	5.108	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022023\
 Data File : VU053140.D
 Acq On : 20 Feb 2023 09:24
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005143

Quant Time: Feb 20 12:47:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 19 23:26:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	54192	5.073	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	79313	5.231	ug/L	98
30) Cyclohexane	5.386	56	81351	5.365	ug/L	97
31) Carbon tetrachloride	5.521	117	67300	5.318	ug/L	100
33) Benzene	5.771	78	195574	5.347	ug/L	100
34) Trichloroethene	6.540	95	52061	5.059	ug/L	95
35) Methylcyclohexane	6.759	83	87124	5.229	ug/L	99
37) 1,2-Dichloropropane	6.788	63	53120	5.334	ug/L	100
38) Bromodichloromethane	7.103	83	66020	5.112	ug/L	98
39) cis-1,3-Dichloropropene	7.604	75	84009	5.289	ug/L	97
40) 4-Methyl-2-pentanone	7.791	43	279307	53.724	ug/L	99
42) Toluene	7.968	91	208607	5.251	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	68593	5.235	ug/L	97
45) 1,1,2-Trichloroethane	8.398	97	37146	5.177	ug/L	97
47) Tetrachloroethene	8.550	164	36399	5.441	ug/L	99
48) 2-Hexanone	8.685	43	206061	54.003	ug/L	99
49) Dibromochloromethane	8.807	129	42411	5.421	ug/L	94
50) 1,2-Dibromoethane	8.922	107	34894	5.271	ug/L	96
51) Chlorobenzene	9.443	112	130763	5.276	ug/L	96
52) Ethylbenzene	9.569	91	236276	5.240	ug/L	99
53) m,p-Xylene	9.691	106	89105	5.285	ug/L	96
54) o-Xylene	10.096	106	87391	5.347	ug/L	98
55) Styrene	10.112	104	142421	5.372	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	46852	5.160	ug/L	98
59) Bromoform	10.289	173	23512	5.130	ug/L	98
60) Isopropylbenzene	10.482	105	239426	5.248	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	31031	5.125	ug/L	98
62) 1,3,5-Trimethylbenzene	11.083	105	198125	5.143	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	201584	5.228	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	98358	5.324	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	97483	5.266	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	91443	5.309	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.993	75	7632	5.363	ug/L	97
69) 1,3,5-Trichlorobenzene	13.215	180	68727	5.223	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	55609	5.090	ug/L	96
71) Naphthalene	14.083	128	108669	4.960	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	49636	5.148	ug/L	99

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

