

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122022\
 Data File : VU052464.D
 Acq On : 20 Dec 2022 17:32
 Operator : JC/MD
 Sample : VSTD02078
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020078

Quant Time: Dec 21 03:25:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 21 03:23:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	196471	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	186058	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	100489	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	409408	20.568	ug/L	0.00
7) Chloroethane-d5	1.916	69	339495	19.777	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	172054	20.088	ug/L	0.00
20) 2-Butanone-d5	4.645	46	1377413	223.695	ug/L	0.00
24) Chloroform-d	5.060	84	678831	20.213	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	380641	19.541	ug/L	0.00
32) Benzene-d6	5.723	84	1391286	21.811	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	467183	21.276	ug/L	0.00
41) Toluene-d8	7.893	98	1222781	22.834	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	176995	23.539	ug/L	0.00
46) 2-Hexanone-d5	8.632	63	1100561	267.530	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	406504	21.804	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	434378	21.232	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	347584	19.882	ug/L	99
3) Chloromethane	1.523	50	470242	18.635	ug/L	100
5) Vinyl chloride	1.604	62	460457	20.130	ug/L	97
6) Bromomethane	1.858	94	254066	19.483	ug/L	100
8) Chloroethane	1.935	64	283359	18.086	ug/L	97
9) Trichlorofluoromethane	2.141	101	516352	19.965	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	299272	19.467	ug/L	100
12) 1,1-Dichloroethene	2.578	96	289448	19.671	ug/L	89
13) Acetone	2.671	43	821791	179.450	ug/L	99
14) Carbon disulfide	2.793	76	949242	20.021	ug/L	100
15) Methyl Acetate	2.961	43	196998	19.855	ug/L	96
16) Methylene chloride	3.044	84	351523	16.912	ug/L	99
17) Methyl tert-butyl Ether	3.359	73	848375	21.598	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	315103	20.779	ug/L	100
19) 1,1-Dichloroethane	3.867	63	657499	19.937	ug/L	99
21) 2-Butanone	4.723	43	1410969	212.952	ug/L	95
22) cis-1,2-Dichloroethene	4.662	96	356192	21.403	ug/L	97
23) Bromochloromethane	4.970	128	155885	20.212	ug/L	98
25) Chloroform	5.083	83	625642	19.580	ug/L	99
27) 1,2-Dichloroethane	5.790	62	436638	19.779	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	497799	21.257	ug/L	98
30) Cyclohexane	5.385	56	604160	23.875	ug/L	99
31) Carbon tetrachloride	5.523	117	428499	20.823	ug/L	99
33) Benzene	5.771	78	1431125	21.354	ug/L	100
34) Trichloroethene	6.539	95	332044	21.194	ug/L	99
35) Methylcyclohexane	6.761	83	583732	24.708	ug/L	95
37) 1,2-Dichloropropane	6.787	63	397544	21.258	ug/L	100
38) Bromodichloromethane	7.102	83	466700	20.505	ug/L	99
39) cis-1,3-Dichloropropene	7.604	75	565067	23.858	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	3237494	236.908	ug/L	97
42) Toluene	7.967	91	1448285	22.539	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	491419	23.545	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122022\
 Data File : VU052464.D
 Acq On : 20 Dec 2022 17:32
 Operator : JC/MD
 Sample : VSTD02078
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020078

Quant Time: Dec 21 03:25:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 21 03:23:31 2022
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	8.394	97	271141	20.472	ug/L	99
47) Tetrachloroethene	8.549	164	234442	21.438	ug/L	97
48) 2-Hexanone	8.684	43	2367912	232.162	ug/L	99
49) Dibromochloromethane	8.806	129	303529	21.642	ug/L	99
50) 1,2-Dibromoethane	8.919	107	257428	21.381	ug/L	99
51) Chlorobenzene	9.443	112	879472	21.433	ug/L	99
52) Ethylbenzene	9.565	91	1578871	23.743	ug/L	100
53) m,p-Xylene	9.690	106	595067	24.268	ug/L	99
54) o-Xylene	10.095	106	579730	24.664	ug/L	98
55) Styrene	10.108	104	1026143	25.094	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	393436	21.488	ug/L	99
59) Bromoform	10.288	173	178877	20.260	ug/L	98
60) Isopropylbenzene	10.481	105	1535336	23.573	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	279103	19.365	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	1328999	24.741	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	1339074	24.763	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	687942	21.289	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	691155	20.681	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	668405	20.933	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	66319	20.328	ug/L	97
69) 1,3,5-Trichlorobenzene	13.214	180	516104	21.689	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	460690	23.008	ug/L	99
71) Naphthalene	14.079	128	1011294	24.962	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	443151	22.081	ug/L	100

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

