

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
 Data File : VU055716.D
 Acq On : 10 Oct 2023 12:39
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050108

Quant Time: Oct 11 05:31:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 11 05:21:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	427917	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	427915	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	238743	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	181302	47.235	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.480%
7) Chloroethane-d5	1.911	69	143871	45.856	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.720%
11) 1,1-Dichloroethene-d2	2.566	63	321097	46.918	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.840%
21) 2-Butanone-d5	4.611	46	281970	99.143	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.140%
24) Chloroform-d	5.058	84	342840	46.593	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.180%
26) 1,2-Dichloroethane-d4	5.698	65	215330	47.543	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.080%
32) Benzene-d6	5.724	84	682610	49.857	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.720%
36) 1,2-Dichloropropane-d6	6.685	67	211409	48.775	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.540%
41) Toluene-d8	7.894	98	625638	50.606	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.220%
43) trans-1,3-Dichloroprop...	8.177	79	109586	52.632	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.260%
47) 2-Hexanone-d5	8.627	63	182934	107.358	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.360%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	326002	48.863	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.720%
66) 1,2-Dichlorobenzene-d4	12.190	152	237319	50.091	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	156184	43.835	ug/L	99
3) Chloromethane	1.522	50	156465	46.409	ug/L	100
5) Vinyl chloride	1.605	62	168381	45.383	ug/L	98
6) Bromomethane	1.856	94	109041	45.972	ug/L	96
8) Chloroethane	1.933	64	108092	44.415	ug/L	99
9) Trichlorofluoromethane	2.139	101	236927	44.694	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	149860	43.958	ug/L	99
12) 1,1-Dichloroethene	2.579	96	139303	45.919	ug/L	99
13) Acetone	2.618	43	241127	91.361	ug/L	98
14) Carbon disulfide	2.792	76	415376	44.993	ug/L	98
15) Methyl Acetate	2.943	43	188698	46.685	ug/L	98
16) Methylene chloride	3.042	84	166724	45.318	ug/L	99
17) trans-1,2-Dichloroethene	3.351	96	142909	46.068	ug/L	98
18) Methyl tert-butyl Ether	3.357	73	481873	48.301	ug/L	99
19) 1,1-Dichloroethane	3.865	63	285721	44.913	ug/L	98
20) cis-1,2-Dichloroethene	4.663	96	167425	47.289	ug/L	96
22) 2-Butanone	4.692	43	299291	94.082	ug/L	99
23) Bromochloromethane	4.972	128	85663	46.719	ug/L	99
25) Chloroform	5.084	83	299481	45.065	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
 Data File : VU055716.D
 Acq On : 10 Oct 2023 12:39
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050108

Quant Time: Oct 11 05:31:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 11 05:21:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	246335	46.345	ug/L	99
29) Cyclohexane	5.386	56	242227	49.385	ug/L	99
30) 1,1,1-Trichloroethane	5.312	97	260139	47.054	ug/L	99
31) Carbon tetrachloride	5.521	117	231167	47.771	ug/L	99
33) Benzene	5.772	78	646446	47.790	ug/L	100
34) Trichloroethene	6.537	95	176332	47.642	ug/L	98
35) Methylcyclohexane	6.759	83	261956	48.782	ug/L	98
37) 1,2-Dichloropropane	6.788	63	175687	47.167	ug/L	99
38) Bromodichloromethane	7.100	83	234089	47.657	ug/L	97
39) cis-1,3-Dichloropropene	7.605	75	286161	50.498	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	521737	100.686	ug/L	98
42) Toluene	7.965	91	698646	48.948	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	268135	49.453	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	173529	47.247	ug/L	98
46) Tetrachloroethene	8.550	164	121643	45.905	ug/L	98
48) 2-Hexanone	8.679	43	469490	107.265	ug/L	99
49) Dibromochloromethane	8.804	129	179859	47.927	ug/L	99
50) 1,2-Dibromoethane	8.920	107	188788	47.856	ug/L	98
51) Chlorobenzene	9.444	112	434380	47.037	ug/L	99
52) Ethylbenzene	9.566	91	762991	48.895	ug/L	100
53) m,p-Xylene	9.692	106	288135	49.287	ug/L	96
54) o-Xylene	10.097	106	280215	49.532	ug/L	98
55) Styrene	10.110	104	494985	51.649	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	306768	48.779	ug/L	99
59) Bromoform	10.286	173	140717	47.880	ug/L	98
60) 1,2,3-Trichloropropane	10.817	75	248008	47.865	ug/L	99
61) Isopropylbenzene	10.483	105	751488	50.491	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	622294	51.672	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	627787	52.717	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	357583	48.601	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	368683	48.738	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	353923	48.473	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.994	75	77972	50.335	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	245914	50.108	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	219412	53.674	ug/L	99
71) Naphthalene	14.084	128	792061	65.227	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	220926	54.816	ug/L	99

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

Quant Time: Oct 11 05:31:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 11 05:21:07 2023
Response via : Initial Calibration

