

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050823\
 Data File : VU054095.D
 Acq On : 08 May 2023 21:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050094

Quant Time: May 09 01:27:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 06 01:14:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	224150	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	211984	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	118971	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	66272	39.092	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.180%
7) Chloroethane-d5	1.906	69	57933	52.060	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.120%
11) 1,1-Dichloroethene-d2	2.565	63	129470	43.059	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.120%
21) 2-Butanone-d5	4.616	46	105621	109.240	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.240%
24) Chloroform-d	5.057	84	151579	48.684	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.360%
26) 1,2-Dichloroethane-d4	5.697	65	96309	48.176	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.360%
32) Benzene-d6	5.719	84	281978	45.190	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.380%
36) 1,2-Dichloropropane-d6	6.684	67	91519	46.460	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.920%
41) Toluene-d8	7.893	98	257038	45.627	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.260%
43) trans-1,3-Dichloroprop...	8.173	79	45994	47.182	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.360%
47) 2-Hexanone-d5	8.626	63	70015	99.236	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.240%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	130786	50.405	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.820%
66) 1,2-Dichlorobenzene-d4	12.188	152	110098	47.372	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	71362	44.126	ug/L	98
3) Chloromethane	1.517	50	63953	43.028	ug/L	98
5) Vinyl chloride	1.604	62	72348	45.765	ug/L	97
6) Bromomethane	1.848	94	37679	42.757	ug/L	99
8) Chloroethane	1.928	64	46466	53.939	ug/L	95
9) Trichlorofluoromethane	2.134	101	117785	46.952	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	69288	46.182	ug/L	98
12) 1,1-Dichloroethene	2.578	96	61417	47.236	ug/L	89
13) Acetone	2.623	43	68406	72.081	ug/L	98
14) Carbon disulfide	2.787	76	127166	44.066	ug/L	98
15) Methyl Acetate	2.944	43	76515	51.483	ug/L	98
16) Methylene chloride	3.041	84	76902	46.896	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	62425	46.953	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	233784	47.830	ug/L	99
19) 1,1-Dichloroethane	3.861	63	136002	47.643	ug/L	98
20) cis-1,2-Dichloroethene	4.658	96	77982	47.730	ug/L	96
22) 2-Butanone	4.697	43	105114	93.816	ug/L	95
23) Bromochloromethane	4.967	128	41771	49.315	ug/L	98
25) Chloroform	5.083	83	147536	48.978	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050823\
 Data File : VU054095.D
 Acq On : 08 May 2023 21:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050094

Quant Time: May 09 01:27:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 06 01:14:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.787	62	113110	48.817	ug/L	98
29) Cyclohexane	5.382	56	92539	42.239	ug/L	99
30) 1,1,1-Trichloroethane	5.308	97	125299	47.421	ug/L	98
31) Carbon tetrachloride	5.520	117	107938	47.884	ug/L	98
33) Benzene	5.768	78	285234	46.228	ug/L	100
34) Trichloroethene	6.536	95	76154	46.502	ug/L	97
35) Methylcyclohexane	6.758	83	93694	40.794	ug/L	99
37) 1,2-Dichloropropane	6.784	63	79672	45.640	ug/L	99
38) Bromodichloromethane	7.099	83	104807	47.655	ug/L	99
39) cis-1,3-Dichloropropene	7.600	75	123774	45.325	ug/L	96
40) 4-Methyl-2-pentanone	7.784	43	199916	98.271	ug/L	99
42) Toluene	7.964	91	298220	46.427	ug/L	100
44) trans-1,3-Dichloropropene	8.205	75	117915	45.435	ug/L	99
45) 1,1,2-Trichloroethane	8.394	97	80420	47.596	ug/L	97
46) Tetrachloroethene	8.549	164	56349	43.372	ug/L	98
48) 2-Hexanone	8.677	43	159755	99.091	ug/L	98
49) Dibromochloromethane	8.803	129	81512	48.957	ug/L	97
50) 1,2-Dibromoethane	8.919	107	85147	49.648	ug/L	98
51) Chlorobenzene	9.443	112	199665	46.473	ug/L	99
52) Ethylbenzene	9.565	91	334257	46.235	ug/L	100
53) m,p-Xylene	9.690	106	125185	46.114	ug/L	97
54) o-Xylene	10.095	106	126356	47.577	ug/L	97
55) Styrene	10.108	104	218208	47.901	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	129574	48.682	ug/L	99
59) Bromoform	10.285	173	63523	47.692	ug/L	100
60) 1,2,3-Trichloropropane	10.816	75	103359	46.772	ug/L	100
61) Isopropylbenzene	10.478	105	337153	44.894	ug/L	100
62) 1,3,5-Trimethylbenzene	11.082	105	271224	44.073	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	270359	44.571	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	162728	44.304	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	163932	43.824	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	168220	45.380	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	27400	48.601	ug/L	90
69) 1,3,5-Trichlorobenzene	13.214	180	112427	42.241	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	101033	41.872	ug/L	99
71) Naphthalene	14.082	128	308966	44.147	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	105017	43.753	ug/L	98

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

