

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022324\
 Data File : VU057947.D
 Acq On : 23 Feb 2024 15:55
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050153

Quant Time: Feb 23 23:02:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 23 23:00:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	247097	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	239257	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	117772	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	64710	36.173	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.340%
7) Chloroethane-d5	1.904	69	60182	45.515	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.040%
11) 1,1-Dichloroethene-d2	2.560	63	132562	39.762	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.520%
21) 2-Butanone-d5	4.608	46	83050	122.186	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.190%
24) Chloroform-d	5.052	84	159175	52.474	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.940%
26) 1,2-Dichloroethane-d4	5.692	65	102087	53.686	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.380%
32) Benzene-d6	5.718	84	295291	49.248	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.500%
36) 1,2-Dichloropropane-d6	6.682	67	101010	52.172	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.340%
41) Toluene-d8	7.891	98	258224	47.576	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.160%
43) trans-1,3-Dichloroprop...	8.171	79	45266	49.097	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.200%
47) 2-Hexanone-d5	8.624	63	62577	84.075	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.070%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	135599	50.756	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.520%
66) 1,2-Dichlorobenzene-d4	12.187	152	93591	49.078	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	75292	27.795	ug/L	100
3) Chloromethane	1.515	50	121977	44.286	ug/L	98
5) Vinyl chloride	1.599	62	107473	39.515	ug/L	99
6) Bromomethane	1.850	94	70117	66.027	ug/L	99
8) Chloroethane	1.927	64	70773	44.494	ug/L	99
9) Trichlorofluoromethane	2.133	101	110312	33.146	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	60137	31.091	ug/L	99
12) 1,1-Dichloroethene	2.573	96	71867	40.170	ug/L	95
13) Acetone	2.608	43	95893	76.197	ug/L	100
14) Carbon disulfide	2.785	76	240884	41.142	ug/L	99
15) Methyl Acetate	2.933	43	133613	65.214	ug/L	99
16) Methylene chloride	3.033	84	111142	47.662	ug/L	99
17) trans-1,2-Dichloroethene	3.345	96	84845	45.711	ug/L	99
18) Methyl tert-butyl Ether	3.348	73	329449	50.981	ug/L	100
19) 1,1-Dichloroethane	3.856	63	188985	49.110	ug/L	98
20) cis-1,2-Dichloroethene	4.657	96	104712	49.177	ug/L	99
22) 2-Butanone	4.685	43	123171	80.783	ug/L	99
23) Bromochloromethane	4.965	128	52635	50.877	ug/L	96
25) Chloroform	5.078	83	191659	50.442	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022324\
 Data File : VU057947.D
 Acq On : 23 Feb 2024 15:55
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050153

Quant Time: Feb 23 23:02:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 23 23:00:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	158890	50.257	ug/L	98
29) Cyclohexane	5.380	56	108318	30.761	ug/L	99
30) 1,1,1-Trichloroethane	5.306	97	140266	43.504	ug/L	99
31) Carbon tetrachloride	5.515	117	111094	40.124	ug/L	99
33) Benzene	5.766	78	396847	47.555	ug/L	100
34) Trichloroethene	6.534	95	99649	46.454	ug/L	98
35) Methylcyclohexane	6.756	83	102568	29.430	ug/L	99
37) 1,2-Dichloropropane	6.782	63	115238	48.940	ug/L	100
38) Bromodichloromethane	7.097	83	143698	50.820	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	165461	45.981	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	287243	96.910	ug/L	98
42) Toluene	7.962	91	402837	46.644	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	153609	45.999	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	104410	49.904	ug/L	99
46) Tetrachloroethene	8.547	164	61825	41.880	ug/L	98
48) 2-Hexanone	8.676	43	188045	77.727	ug/L	100
49) Dibromochloromethane	8.804	129	105610	50.686	ug/L	99
50) 1,2-Dibromoethane	8.917	107	110864	50.326	ug/L	98
51) Chlorobenzene	9.441	112	254631	46.365	ug/L	99
52) Ethylbenzene	9.563	91	421273	43.502	ug/L	99
53) m,p-Xylene	9.688	106	156070	44.316	ug/L	97
54) o-Xylene	10.094	106	160165	46.029	ug/L	97
55) Styrene	10.110	104	278347	46.648	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	165470	46.427	ug/L	99
59) Bromoform	10.283	173	74077	51.239	ug/L #	99
60) 1,2,3-Trichloropropane	10.817	75	133759	49.022	ug/L	99
61) Isopropylbenzene	10.479	105	386816	42.028	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	327714	41.328	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	339228	42.575	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	182112	44.751	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	187573	45.246	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	185177	46.253	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	31308	48.327	ug/L	99
69) 1,3,5-Trichlorobenzene	13.216	180	118965	43.464	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	105500	47.873	ug/L	99
71) Naphthalene	14.084	128	292074	49.909	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	99033	48.926	ug/L	99

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

