

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060424\
 Data File : VU059142.D
 Acq On : 04 Jun 2024 16:38
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050175

Quant Time: Jun 05 05:33:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 05 05:30:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	214327	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	217852	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	112767	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49322	38.435	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.860%
7) Chloroethane-d5	1.907	69	47046	42.798	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.563	63	115059	45.424	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.840%
21) 2-Butanone-d5	4.608	46	130591	107.966	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.970%
24) Chloroform-d	5.055	84	123402	48.305	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.620%
26) 1,2-Dichloroethane-d4	5.692	65	76070	48.583	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.160%
32) Benzene-d6	5.717	84	226619	45.323	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.640%
36) 1,2-Dichloropropane-d6	6.682	67	79229	45.957	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.920%
41) Toluene-d8	7.891	98	194258	45.766	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.540%
43) trans-1,3-Dichloroprop...	8.174	79	34127	48.972	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.940%
47) 2-Hexanone-d5	8.624	63	79035	99.137	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.140%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	135753	46.527	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.060%
66) 1,2-Dichlorobenzene-d4	12.187	152	76371	45.382	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	113636	52.328	ug/L	99
3) Chloromethane	1.518	50	129894	51.755	ug/L	100
5) Vinyl chloride	1.602	62	132178	53.596	ug/L	97
6) Bromomethane	1.849	94	76510	38.778	ug/L	98
8) Chloroethane	1.927	64	80167	52.128	ug/L	99
9) Trichlorofluoromethane	2.132	101	148210	51.644	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	90765	54.360	ug/L	98
12) 1,1-Dichloroethene	2.573	96	82246	54.308	ug/L	90
13) Acetone	2.615	43	139661	98.233	ug/L	99
14) Carbon disulfide	2.785	76	264607	51.880	ug/L	99
15) Methyl Acetate	2.939	43	120403	53.464	ug/L	97
16) Methylene chloride	3.036	84	104132	50.818	ug/L	100
17) trans-1,2-Dichloroethene	3.345	96	86756	53.076	ug/L	97
18) Methyl tert-butyl Ether	3.351	73	274304	51.662	ug/L	100
19) 1,1-Dichloroethane	3.859	63	183376	52.338	ug/L	100
20) cis-1,2-Dichloroethene	4.656	96	97631	52.415	ug/L	98
22) 2-Butanone	4.689	43	177269	102.988	ug/L	100
23) Bromochloromethane	4.965	128	49536	52.503	ug/L	98
25) Chloroform	5.078	83	180879	53.317	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060424\
 Data File : VU059142.D
 Acq On : 04 Jun 2024 16:38
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050175

Quant Time: Jun 05 05:33:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 05 05:30:09 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	145269	50.688	ug/L	100
29) Cyclohexane	5.380	56	150683	51.809	ug/L	98
30) 1,1,1-Trichloroethane	5.306	97	142474	50.299	ug/L	99
31) Carbon tetrachloride	5.515	117	118618	51.556	ug/L	100
33) Benzene	5.766	78	401178	50.998	ug/L	100
34) Trichloroethene	6.534	95	102010	52.960	ug/L	99
35) Methylcyclohexane	6.756	83	152216	53.747	ug/L	99
37) 1,2-Dichloropropane	6.782	63	114744	51.368	ug/L	100
38) Bromodichloromethane	7.097	83	133546	51.325	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	155497	50.312	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	316144	107.956	ug/L	98
42) Toluene	7.962	91	424419	53.750	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	148185	52.961	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	103854	51.710	ug/L	99
46) Tetrachloroethene	8.547	164	68359	53.281	ug/L	97
48) 2-Hexanone	8.676	43	253046	102.454	ug/L	99
49) Dibromochloromethane	8.801	129	94299	51.954	ug/L	97
50) 1,2-Dibromoethane	8.917	107	105435	50.892	ug/L	98
51) Chlorobenzene	9.441	112	248208	52.081	ug/L	100
52) Ethylbenzene	9.563	91	440551	54.118	ug/L	100
53) m,p-Xylene	9.688	106	162860	54.435	ug/L	98
54) o-Xylene	10.093	106	156479	53.967	ug/L	98
55) Styrene	10.106	104	282679	57.355	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.775	83	182238	49.811	ug/L	97
59) Bromoform	10.283	173	70996	48.017	ug/L	100
60) 1,2,3-Trichloropropane	10.814	75	145894	46.524	ug/L	99
61) Isopropylbenzene	10.479	105	417198	52.587	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	298998	52.017	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	333057	53.450	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	190402	51.350	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	195910	51.159	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	190620	49.187	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	39214	49.326	ug/L	99
69) 1,3,5-Trichlorobenzene	13.212	180	124002	50.638	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	104242	53.298	ug/L	99
71) Naphthalene	14.080	128	295474	47.728	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	106938	53.780	ug/L	99

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

