

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092022\
 Data File : VU050851.D
 Acq On : 20 Sep 2022 23:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050087

Quant Time: Sep 21 02:28:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 02:18:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	453824	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	438252	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	205297	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	223608	47.557	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.120%
7) Chloroethane-d5	1.909	69	169946	50.750	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.500%
11) 1,1-Dichloroethene-d2	2.568	63	353429	48.307	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.620%
21) 2-Butanone-d5	4.626	46	337970	111.337	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.340%
24) Chloroform-d	5.063	84	364878	49.518	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.040%
26) 1,2-Dichloroethane-d4	5.700	65	223549	49.229	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.460%
32) Benzene-d6	5.726	84	731295	50.661	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.320%
36) 1,2-Dichloropropane-d6	6.690	67	244416	50.162	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.320%
41) Toluene-d8	7.896	98	645486	51.156	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.320%
43) trans-1,3-Dichloroprop...	8.176	79	101203	47.745	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.480%
47) 2-Hexanone-d5	8.632	63	220197	109.662	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.660%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	367039	49.409	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.820%
66) 1,2-Dichlorobenzene-d4	12.192	152	214821	49.977	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	223802	47.626	ug/L	99
3) Chloromethane	1.520	50	264231	48.367	ug/L	99
5) Vinyl chloride	1.604	62	256516	47.962	ug/L	99
6) Bromomethane	1.855	94	138662	51.320	ug/L	99
8) Chloroethane	1.929	64	153624	51.879	ug/L	98
9) Trichlorofluoromethane	2.134	101	286555	49.395	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	180230	48.538	ug/L	99
12) 1,1-Dichloroethene	2.578	96	171865	49.260	ug/L	97
13) Acetone	2.636	43	236594	92.048	ug/L	100
14) Carbon disulfide	2.790	76	535941	48.578	ug/L	100
15) Methyl Acetate	2.948	43	251479	51.845	ug/L	98
16) Methylene chloride	3.041	84	225656	46.580	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	179401	50.169	ug/L	99
18) Methyl tert-butyl Ether	3.363	73	548944	50.355	ug/L	100
19) 1,1-Dichloroethane	3.867	63	361821	50.075	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	198003	49.938	ug/L	100
22) 2-Butanone	4.703	43	374566	110.556	ug/L	99
23) Bromochloromethane	4.973	128	101946	49.059	ug/L	98
25) Chloroform	5.086	83	363592	50.492	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
 Data File : VU050851.D
 Acq On : 20 Sep 2022 23:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050087

Quant Time: Sep 21 02:28:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 02:18:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	273984	50.066	ug/L	99
29) Cyclohexane	5.388	56	307648	51.010	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	297921	51.098	ug/L	99
31) Carbon tetrachloride	5.523	117	245070	50.597	ug/L	99
33) Benzene	5.774	78	834909	51.767	ug/L	100
34) Trichloroethene	6.542	95	190518	50.854	ug/L	99
35) Methylcyclohexane	6.764	83	303212	50.230	ug/L	98
37) 1,2-Dichloropropane	6.790	63	221805	50.257	ug/L	100
38) Bromodichloromethane	7.105	83	267713	50.913	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	281929	47.737	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	671176	110.350	ug/L	99
42) Toluene	7.967	91	854484	53.369	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	282777	50.333	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	208150	51.179	ug/L	98
46) Tetrachloroethene	8.552	164	134037	49.787	ug/L	98
48) 2-Hexanone	8.684	43	571529	112.454	ug/L	99
49) Dibromochloromethane	8.809	129	202330	50.736	ug/L	99
50) 1,2-Dibromoethane	8.922	107	215688	51.114	ug/L	100
51) Chlorobenzene	9.446	112	488796	50.006	ug/L	100
52) Ethylbenzene	9.568	91	818687	51.255	ug/L	99
53) m,p-Xylene	9.690	106	312584	52.638	ug/L	98
54) o-Xylene	10.099	106	312277	52.778	ug/L	98
55) Styrene	10.111	104	541110	53.341	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	375004	49.830	ug/L	100
59) Bromoform	10.288	173	150160	50.676	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	294204	50.949	ug/L	99
61) Isopropylbenzene	10.481	105	784396	53.464	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	636046	52.737	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	640371	53.615	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	331736	49.445	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	329232	48.336	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	355833	50.090	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	86545	54.492	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	218218	46.487	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	176633	45.981	ug/L	99
71) Naphthalene	14.086	128	724635	49.082	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	207891	48.354	ug/L	99

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

Quant Time: Sep 21 02:28:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 21 02:18:13 2022
Response via : Initial Calibration

