

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011722\
 Data File : VU046771.D
 Acq On : 17 Jan 2022 17:49
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050163

Quant Time: Jan 18 02:19:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 18 02:15:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	255287	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	245669	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	133341	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	79160	35.534	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.060%
7) Chloroethane-d5	1.916	69	61726	37.299	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.572	63	151587	40.008	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.020%
21) 2-Butanone-d5	4.629	46	135694	83.226	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.230%
24) Chloroform-d	5.067	84	162881	41.476	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.960%
26) 1,2-Dichloroethane-d4	5.703	65	103200	41.436	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.880%
32) Benzene-d6	5.729	84	341357	44.524	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.040%
36) 1,2-Dichloropropane-d6	6.690	67	102442	43.792	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.580%
41) Toluene-d8	7.899	98	327001	47.710	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.420%
43) trans-1,3-Dichloroprop...	8.179	79	53246	47.246	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.500%
47) 2-Hexanone-d5	8.632	63	125322	100.843	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.840%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	164500	45.405	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	137413	49.803	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	131679	55.991	ug/L	99
3) Chloromethane	1.523	50	111793	53.416	ug/L	98
5) Vinyl chloride	1.607	62	118218	54.497	ug/L	99
6) Bromomethane	1.861	94	76884	55.948	ug/L	98
8) Chloroethane	1.938	64	69582	52.996	ug/L	94
9) Trichlorofluoromethane	2.141	101	163117	51.088	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	92265	51.381	ug/L	96
12) 1,1-Dichloroethene	2.584	96	90063	53.265	ug/L	86
13) Acetone	2.639	43	99500	64.125	ug/L	98
14) Carbon disulfide	2.797	76	265489	52.821	ug/L	100
15) Methyl Acetate	2.951	43	104020	52.486	ug/L	97
16) Methylene chloride	3.051	84	103444	49.665	ug/L	95
17) trans-1,2-Dichloroethene	3.356	96	98065	55.474	ug/L	96
18) Methyl tert-butyl Ether	3.363	73	310730	59.161	ug/L	99
19) 1,1-Dichloroethane	3.874	63	170785	52.972	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	109580	57.838	ug/L	97
22) 2-Butanone	4.707	43	161958	91.557	ug/L	98
23) Bromochloromethane	4.977	128	58455	57.720	ug/L	91
25) Chloroform	5.089	83	182535	51.834	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011722\
 Data File : VU046771.D
 Acq On : 17 Jan 2022 17:49
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050163

Quant Time: Jan 18 02:19:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 18 02:15:56 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	138303	51.117	ug/L	98
29) Cyclohexane	5.391	56	155051	59.373	ug/L	95
30) 1,1,1-Trichloroethane	5.317	97	162235	53.985	ug/L	98
31) Carbon tetrachloride	5.526	117	136002	52.244	ug/L	99
33) Benzene	5.774	78	409909	56.095	ug/L	100
34) Trichloroethene	6.543	95	107495	56.085	ug/L	98
35) Methylcyclohexane	6.764	83	176063	59.153	ug/L	97
37) 1,2-Dichloropropane	6.790	63	102557	54.849	ug/L	99
38) Bromodichloromethane	7.105	83	136995	53.276	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	171051	59.450	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	300912	117.718	ug/L	99
42) Toluene	7.970	91	457028	59.303	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	161307	57.787	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	107950	56.503	ug/L	98
46) Tetrachloroethene	8.552	164	87646	60.271	ug/L	97
48) 2-Hexanone	8.684	43	236163	109.001	ug/L	98
49) Dibromochloromethane	8.809	129	115654	55.119	ug/L	100
50) 1,2-Dibromoethane	8.925	107	120078	60.297	ug/L	99
51) Chlorobenzene	9.446	112	299288	59.747	ug/L	100
52) Ethylbenzene	9.571	91	503160	61.542	ug/L	99
53) m,p-Xylene	9.693	106	202097	64.003	ug/L	94
54) o-xylene	10.102	106	194736	64.494	ug/L	99
55) Styrene	10.115	104	338091	63.984	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	187756	56.191	ug/L	99
59) Bromoform	10.292	173	90630	55.933	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	151499	53.993	ug/L	99
61) Isopropylbenzene	10.484	105	510919	62.727	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	446092	65.152	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	452108	66.270	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	247250	60.562	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	249840	58.732	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	243906	59.441	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	44999	53.573	ug/L	84
69) 1,3,5-Trichlorobenzene	13.217	180	192940	61.704	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	179307	67.083	ug/L	99
71) Naphthalene	14.086	128	711406	81.834	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	180256	66.738	ug/L	99

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

