

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044773.D
 Acq On : 23 Sep 2021 09:54
 Operator : SY/MD
 Sample : VSTD01014
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010014

Quant Time: Sep 24 05:16:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 24 05:15:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	253060	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	245019	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	122102	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29063	13.137	ug/L	0.00
7) Chloroethane-d5	1.909	69	22832	13.910	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	63	46664	12.378	ug/L	0.00
21) 2-Butanone-d5	4.633	46	44487	25.619	ug/L	0.00
24) Chloroform-d	5.070	84	44729	12.069	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	31018	13.232	ug/L	0.00
32) Benzene-d6	5.732	84	88304	11.786	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	28412	11.626	ug/L	0.00
41) Toluene-d8	7.903	98	72862	10.905	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	12047	11.205	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	27927	23.100	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	42277	11.423	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	26758	10.929	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	25228	11.577	ug/L	99
3) Chloromethane	1.520	50	32511	12.198	ug/L	96
5) Vinyl chloride	1.607	62	30894	11.968	ug/L	95
6) Bromomethane	1.848	94	16065	13.308	ug/L	99
8) Chloroethane	1.932	64	19144	12.779	ug/L	95
9) Trichlorofluoromethane	2.138	101	35711	12.178	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	22888	12.078	ug/L	97
12) 1,1-Dichloroethene	2.584	96	19865	10.719	ug/L	90
13) Acetone	2.633	43	54012	37.619	ug/L	100
14) Carbon disulfide	2.797	76	63586	10.868	ug/L	99
15) Methyl Acetate	2.954	43	33170	12.338	ug/L	100
16) Methylene chloride	3.051	84	26649	9.704	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	21550	11.229	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	66619	11.222	ug/L	98
19) 1,1-Dichloroethane	3.877	63	44196	11.621	ug/L	97
20) cis-1,2-Dichloroethene	4.674	96	23113	10.934	ug/L	95
22) 2-Butanone	4.710	43	58619	28.291	ug/L	99
23) Bromochloromethane	4.980	128	12025	10.630	ug/L	96
25) Chloroform	5.092	83	44941	12.048	ug/L	99
27) 1,2-Dichloroethane	5.800	62	36805	12.537	ug/L	100
29) Cyclohexane	5.391	56	35849	10.690	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	35697	11.705	ug/L	98
31) Carbon tetrachloride	5.530	117	27214	11.020	ug/L	100
33) Benzene	5.780	78	95365	11.298	ug/L	100
34) Trichloroethene	6.546	95	22230	10.854	ug/L	94
35) Methylcyclohexane	6.768	83	35781	10.885	ug/L	99
37) 1,2-Dichloropropane	6.796	63	26166	11.346	ug/L	100
38) Bromodichloromethane	7.112	83	31353	11.403	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	34072	10.728	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	83146	23.449	ug/L	99
42) Toluene	7.973	91	92961	10.588	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	32000	10.679	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044773.D
 Acq On : 23 Sep 2021 09:54
 Operator : SY/MD
 Sample : VSTD01014
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010014

Quant Time: Sep 24 05:16:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 24 05:15:56 2021
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	8.404	97	23807	11.261	ug/L	99
46) Tetrachloroethene	8.558	164	16298	10.358	ug/L	95
48) 2-Hexanone	8.690	43	71299	24.437	ug/L	100
49) Dibromochloromethane	8.812	129	22101	10.286	ug/L	99
50) 1,2-Dibromoethane	8.928	107	24017	10.926	ug/L	94
51) Chlorobenzene	9.449	112	58888	10.874	ug/L	98
52) Ethylbenzene	9.575	91	95242	10.493	ug/L	98
53) m,p-Xylene	9.697	106	35729	10.414	ug/L	99
54) o-xylene	10.105	106	33852	9.942	ug/L	96
55) Styrene	10.118	104	58011	10.080	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.787	83	43544	11.239	ug/L	98
59) Bromoform	10.295	173	15007	9.472	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	35487	12.025	ug/L	99
61) Isopropylbenzene	10.488	105	88794	10.847	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	69054	10.146	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	70115	10.223	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	41586	10.622	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	43217	10.815	ug/L	97
67) 1,2-Dichlorobenzene	12.217	146	43248	10.611	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	10013	12.173	ug/L	93
69) 1,3,5-Trichlorobenzene	13.224	180	27853	9.701	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	21998	8.981	ug/L	98
71) Naphthalene	14.089	128	71075	8.604	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	23684	9.234	ug/L	98

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

