

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012623\
 Data File : VU052812.D
 Acq On : 26 Jan 2023 11:50
 Operator : JC/MD
 Sample : VSTD01068
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010068

Quant Time: Jan 27 04:13:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 27 04:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	275600	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	263843	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	141964	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	19535	6.640	ug/L	0.00
7) Chloroethane-d5	1.912	69	16127	6.948	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	38564	7.711	ug/L	0.00
21) 2-Butanone-d5	4.633	46	22347	12.092	ug/L	0.00
24) Chloroform-d	5.057	84	42402	8.736	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.694	65	27239	8.592	ug/L	0.00
32) Benzene-d6	5.723	84	77160	8.501	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	23287	7.511	ug/L	0.00
41) Toluene-d8	7.893	98	68054	8.739	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	10977	7.959	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	13685	12.519	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	33918	8.157	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.188	152	25916	9.272	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	25789	10.352	ug/L	99
3) Chloromethane	1.520	50	22029	6.971	ug/L	99
5) Vinyl chloride	1.604	62	23787	7.888	ug/L	95
6) Bromomethane	1.858	94	14589	9.681	ug/L	98
8) Chloroethane	1.932	64	15273	7.888	ug/L	97
9) Trichlorofluoromethane	2.134	101	40730	11.092	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	22350	10.271	ug/L	97
12) 1,1-Dichloroethene	2.578	96	20935	10.400	ug/L	91
13) Acetone	2.642	43	30694	15.747	ug/L	99
14) Carbon disulfide	2.790	76	61004	9.921	ug/L	98
15) Methyl Acetate	2.948	43	20117	6.763	ug/L	98
16) Methylene chloride	3.041	84	24909	9.476	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	22298	10.548	ug/L	92
18) Methyl tert-butyl Ether	3.359	73	61709	9.170	ug/L	99
19) 1,1-Dichloroethane	3.864	63	39214	8.430	ug/L	98
20) cis-1,2-Dichloroethene	4.658	96	22769	9.696	ug/L	96
22) 2-Butanone	4.710	43	30637	13.587	ug/L	98
23) Bromochloromethane	4.977	128	13138	10.798	ug/L	94
25) Chloroform	5.083	83	43436	9.627	ug/L	95
27) 1,2-Dichloroethane	5.790	62	34501	9.297	ug/L	98
29) Cyclohexane	5.382	56	29622	8.379	ug/L	97
30) 1,1,1-Trichloroethane	5.311	97	39790	11.141	ug/L	99
31) Carbon tetrachloride	5.520	117	32841	10.956	ug/L	97
33) Benzene	5.768	78	89861	9.527	ug/L	100
34) Trichloroethene	6.539	95	22748	10.357	ug/L	95
35) Methylcyclohexane	6.761	83	33804	9.720	ug/L	99
37) 1,2-Dichloropropane	6.787	63	21812	8.083	ug/L	99
38) Bromodichloromethane	7.099	83	32328	9.673	ug/L	97
39) cis-1,3-Dichloropropene	7.603	75	32621	8.897	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	48412	13.759	ug/L	97
42) Toluene	7.967	91	88250	9.589	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	31474	8.900	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012623\
 Data File : VU052812.D
 Acq On : 26 Jan 2023 11:50
 Operator : JC/MD
 Sample : VSTD01068
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010068

Quant Time: Jan 27 04:13:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 27 04:12:04 2023
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	8.394	97	22569	9.801	ug/L	96
46) Tetrachloroethene	8.549	164	19513	12.298	ug/L	97
48) 2-Hexanone	8.687	43	42598	14.675	ug/L	97
49) Dibromochloromethane	8.806	129	26756	10.857	ug/L	97
50) 1,2-Dibromoethane	8.919	107	24079	10.231	ug/L #	99
51) Chlorobenzene	9.443	112	62020	10.479	ug/L	97
52) Ethylbenzene	9.565	91	89626	9.338	ug/L	99
53) m,p-Xylene	9.690	106	36080	9.917	ug/L	99
54) o-xylene	10.095	106	33420	9.539	ug/L	92
55) Styrene	10.111	104	57006	9.258	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	37816	9.217	ug/L	98
59) Bromoform	10.288	173	19962	11.729	ug/L	98
60) 1,2,3-Trichloropropane	10.819	75	29746	9.367	ug/L	99
61) Isopropylbenzene	10.481	105	84308	9.576	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	67629	9.357	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	63407	8.909	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	44702	10.547	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	47257	10.598	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	46279	10.596	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	7765	8.747	ug/L	97
69) 1,3,5-Trichlorobenzene	13.214	180	32452	10.736	ug/L	97
70) 1,2,4-trichlorobenzene	13.835	180	24447	9.573	ug/L	97
71) Naphthalene	14.082	128	62185	7.977	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	26515	10.066	ug/L	97

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

