

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021423\
 Data File : VU053093.D
 Acq On : 14 Feb 2023 12:44
 Operator : JC/MD
 Sample : VSTD01080
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010080

Quant Time: Feb 15 00:32:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 15 00:30:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	256436	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	232949	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	115812	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	22472	9.444	ug/L	0.00
7) Chloroethane-d5	1.913	69	19389	9.959	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.566	63	39518	10.565	ug/L	0.00
21) 2-Butanone-d5	4.630	46	23321	23.680	ug/L	0.00
24) Chloroform-d	5.058	84	40080	10.018	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	25637	10.568	ug/L	0.00
32) Benzene-d6	5.723	84	80926	10.283	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	26409	10.710	ug/L	0.00
41) Toluene-d8	7.894	98	75088	9.881	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.173	79	13060	9.873	ug/L	0.00
47) 2-Hexanone-d5	8.630	63	17305	22.492	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.752	84	34536	10.280	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	25206	9.777	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	26325	12.254	ug/L	100
3) Chloromethane	1.518	50	26556	13.251	ug/L	100
5) Vinyl chloride	1.605	62	27618	11.507	ug/L	100
6) Bromomethane	1.859	94	17343	10.741	ug/L	99
8) Chloroethane	1.932	64	16440	11.216	ug/L	95
9) Trichlorofluoromethane	2.135	101	36845	10.422	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	20435	11.254	ug/L	99
12) 1,1-Dichloroethene	2.579	96	18714	10.839	ug/L	96
13) Acetone	2.640	43	16425	19.815	ug/L	98
14) Carbon disulfide	2.791	76	61205	11.725	ug/L	97
15) Methyl Acetate	2.952	43	16568	12.607	ug/L	99
16) Methylene chloride	3.042	84	22677	10.931	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	19232	10.493	ug/L	97
18) Methyl tert-butyl Ether	3.357	73	64935	11.199	ug/L	99
19) 1,1-Dichloroethane	3.865	63	38707	11.949	ug/L	99
20) cis-1,2-Dichloroethene	4.662	96	23079	11.164	ug/L	93
22) 2-Butanone	4.710	43	23814	23.170	ug/L	89
23) Bromochloromethane	4.968	128	10373	9.449	ug/L	95
25) Chloroform	5.083	83	38546	10.893	ug/L	98
27) 1,2-Dichloroethane	5.788	62	30163	11.688	ug/L	98
29) Cyclohexane	5.383	56	35410	12.163	ug/L	97
30) 1,1,1-Trichloroethane	5.312	97	33442	10.924	ug/L	100
31) Carbon tetrachloride	5.521	117	28814	10.815	ug/L	99
33) Benzene	5.768	78	85290	11.568	ug/L	100
34) Trichloroethene	6.540	95	21793	10.971	ug/L	98
35) Methylcyclohexane	6.759	83	37876	11.179	ug/L	98
37) 1,2-Dichloropropane	6.784	63	23410	12.273	ug/L	99
38) Bromodichloromethane	7.099	83	28921	10.815	ug/L	97
39) cis-1,3-Dichloropropene	7.604	75	37490	11.573	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	48642	25.863	ug/L	99
42) Toluene	7.964	91	89344	10.859	ug/L	96
44) trans-1,3-Dichloropropene	8.206	75	34236	10.973	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.395	97	20639	10.751	ug/L	96
46) Tetrachloroethene	8.550	164	14115	9.292	ug/L	92
48) 2-Hexanone	8.681	43	37616	25.365	ug/L	98
49) Dibromochloromethane	8.804	129	20939	9.383	ug/L	98
50) 1,2-Dibromoethane	8.919	107	22087	10.652	ug/L	94
51) Chlorobenzene	9.443	112	54465	10.356	ug/L	98
52) Ethylbenzene	9.566	91	97541	10.715	ug/L	99
53) m,p-Xylene	9.688	106	36683	10.284	ug/L	100
54) o-xylene	10.096	106	36003	10.215	ug/L	96
55) Styrene	10.109	104	59005	9.985	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	33330	11.128	ug/L	99
59) Bromoform	10.286	173	14408	9.593	ug/L	98
60) 1,2,3-Trichloropropane	10.820	75	24890	12.438	ug/L	99
61) Isopropylbenzene	10.479	105	93667	11.317	ug/L	99
62) 1,3,5-Trimethylbenzene	11.083	105	80276	11.147	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	76291	10.920	ug/L	98
64) 1,3-Dichlorobenzene	11.739	146	37151	10.257	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	37687	10.300	ug/L	96
67) 1,2-Dichlorobenzene	12.205	146	38018	10.391	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	6877	11.329	ug/L	92
69) 1,3,5-Trichlorobenzene	13.215	180	24845	9.138	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	22378	9.137	ug/L	98
71) Naphthalene	14.080	128	85416	11.358	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	21894	9.113	ug/L	96

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

