

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010825\
 Data File : VU062665.D
 Acq On : 08 Jan 2025 11:06
 Operator : MD/SY
 Sample : VSTD05017
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050017

Quant Time: Jan 08 23:06:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 08 23:04:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	148027	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	140491	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	76762	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	48535	47.784	ug/L	0.00
7) Chloroethane-d5	1.901	69	39510	52.868	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	63	101175	51.791	ug/L	0.00
21) 2-Butanone-d5	4.608	46	42473	66.212	ug/L	0.00
24) Chloroform-d	5.049	84	113760	52.418	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	76261	54.567	ug/L	0.00
32) Benzene-d6	5.714	84	194793	48.873	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	56181	45.290	ug/L	0.00
41) Toluene-d8	7.888	98	188224	50.669	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	33954	53.155	ug/L	0.00
47) 2-Hexanone-d5	8.621	63	33248	74.301	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	81023	45.056	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	73998	48.798	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	73722	52.057	ug/L	100
3) Chloromethane	1.518	50	48416	43.097	ug/L	100
5) Vinyl chloride	1.602	62	53064	45.094	ug/L	100
6) Bromomethane	1.843	94	40009	57.893	ug/L	100
8) Chloroethane	1.923	64	30936	45.634	ug/L	100
9) Trichlorofluoromethane	2.132	101	107762	56.978	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	51589	50.592	ug/L	100
12) 1,1-Dichloroethene	2.570	96	45374	48.943	ug/L	100
13) Acetone	2.611	43	36029	48.042	ug/L	100
14) Carbon disulfide	2.785	76	135726	48.552	ug/L	100
15) Methyl Acetate	2.936	43	36009	37.232	ug/L	100
16) Methylene chloride	3.033	84	50783	48.229	ug/L	100
17) trans-1,2-Dichloroethene	3.341	96	47621	49.831	ug/L	100
18) Methyl tert-butyl Ether	3.348	73	163069	50.265	ug/L	100
19) 1,1-Dichloroethane	3.853	63	86456	47.584	ug/L	100
20) cis-1,2-Dichloroethene	4.653	96	53394	49.117	ug/L	100
22) 2-Butanone	4.685	43	46655	56.871	ug/L	100
23) Bromochloromethane	4.962	128	29463	51.093	ug/L	100
25) Chloroform	5.074	83	104263	51.946	ug/L	100
27) 1,2-Dichloroethane	5.782	62	86103	53.083	ug/L	100
29) Cyclohexane	5.377	56	69200	44.718	ug/L	100
30) 1,1,1-Trichloroethane	5.303	97	103122	55.414	ug/L	100
31) Carbon tetrachloride	5.512	117	93141	55.970	ug/L	100
33) Benzene	5.762	78	195379	47.665	ug/L	100
34) Trichloroethene	6.531	95	58705	51.350	ug/L	100
35) Methylcyclohexane	6.753	83	83137	48.915	ug/L	100
37) 1,2-Dichloropropane	6.778	63	46759	43.683	ug/L	100
38) Bromodichloromethane	7.094	83	80774	53.404	ug/L	100
39) cis-1,3-Dichloropropene	7.595	75	87206	49.225	ug/L	100
40) 4-Methyl-2-pentanone	7.778	43	99306	76.250	ug/L	100
42) Toluene	7.958	91	219709	49.702	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	87053	52.472	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.386	97	52081	48.121	ug/L	100
46) Tetrachloroethene	8.544	164	46528	53.151	ug/L	100
48) 2-Hexanone	8.672	43	71620	66.544	ug/L	100
49) Dibromochloromethane	8.798	129	62649	53.823	ug/L	100
50) 1,2-Dibromoethane	8.913	107	57544	48.746	ug/L	100
51) Chlorobenzene	9.438	112	142127	50.356	ug/L	100
52) Ethylbenzene	9.560	91	250726	51.312	ug/L	100
53) m,p-Xylene	9.685	106	94012	52.022	ug/L	100
54) o-Xylene	10.090	106	92031	51.886	ug/L	100
55) Styrene	10.103	104	158264	53.014	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	78510	44.540	ug/L	100
59) Bromoform	10.280	173	51266	52.248	ug/L	100
60) 1,2,3-Trichloropropane	10.810	75	64319	42.255	ug/L	100
61) Isopropylbenzene	10.473	105	256730	50.051	ug/L	100
62) 1,3,5-Trimethylbenzene	11.077	105	225331	51.181	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	221403	52.401	ug/L	100
64) 1,3-Dichlorobenzene	11.736	146	120138	50.286	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	121776	50.127	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	113909	48.547	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	20048	45.758	ug/L	100
69) 1,3,5-Trichlorobenzene	13.209	180	83046	49.535	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	63378	45.119	ug/L	100
71) Naphthalene	14.080	128	150824	40.737	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	56560	42.384	ug/L	100

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

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