

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010225\
 Data File : VU062651.D
 Acq On : 02 Jan 2025 12:05
 Operator : MD/SY
 Sample : VSTD02066
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020066

Quant Time: Jan 03 00:25:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 03 00:22:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	106774	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	100472	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	54099	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	122721	17.586	ug/L	0.00
7) Chloroethane-d5	1.895	69	98654	19.294	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.554	65	62142	18.466	ug/L	0.00
20) 2-Butanone-d5	4.605	46	272008	200.480	ug/L	0.00
24) Chloroform-d	5.049	84	306505	19.666	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.685	65	167009	21.493	ug/L	0.00
32) Benzene-d6	5.714	84	521952	18.361	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	145424	17.971	ug/L	0.00
41) Toluene-d8	7.888	98	508994	18.913	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.168	79	76601	21.039	ug/L	0.00
46) 2-Hexanone-d5	8.621	63	248620	224.356	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	120252	18.913	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	191873	19.316	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	202301	20.063	ug/L	99
3) Chloromethane	1.515	50	136135	17.831	ug/L	97
5) Vinyl chloride	1.599	62	153172	19.035	ug/L	99
6) Bromomethane	1.840	94	116773	21.131	ug/L	96
8) Chloroethane	1.917	64	91843	20.066	ug/L	98
9) Trichlorofluoromethane	2.126	101	308741	21.415	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	148491	19.171	ug/L	99
12) 1,1-Dichloroethene	2.567	96	137551	19.277	ug/L	97
13) Acetone	2.615	43	178567	194.147	ug/L	99
14) Carbon disulfide	2.779	76	424434	18.926	ug/L	99
15) Methyl Acetate	2.936	43	43148	18.662	ug/L	99
16) Methylene chloride	3.030	84	145381	19.495	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	385709	21.614	ug/L	100
18) trans-1,2-Dichloroethene	3.338	96	146877	19.928	ug/L	98
19) 1,1-Dichloroethane	3.853	63	260261	19.341	ug/L	95
21) 2-Butanone	4.685	43	272671	206.614	ug/L	98
22) cis-1,2-Dichloroethene	4.650	96	165028	20.065	ug/L	98
23) Bromochloromethane	4.959	128	76105	20.973	ug/L	97
25) Chloroform	5.071	83	311826	20.494	ug/L	98
27) 1,2-Dichloroethane	5.779	62	209699	21.459	ug/L	96
29) 1,1,1-Trichloroethane	5.303	97	304338	21.366	ug/L	99
30) Cyclohexane	5.374	56	205719	18.273	ug/L	97
31) Carbon tetrachloride	5.512	117	281597	21.496	ug/L	97
33) Benzene	5.759	78	585693	19.042	ug/L	100
34) Trichloroethene	6.528	95	175212	19.639	ug/L	96
35) Methylcyclohexane	6.753	83	247712	19.103	ug/L	99
37) 1,2-Dichloropropane	6.779	63	138482	18.725	ug/L	100
38) Bromodichloromethane	7.094	83	226570	21.121	ug/L	97
39) cis-1,3-Dichloropropene	7.595	75	250883	20.758	ug/L	100
40) 4-Methyl-2-pentanone	7.779	43	674306	194.814	ug/L	99
42) Toluene	7.959	91	655828	19.696	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	218613	22.045	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.390	97	113965	20.224	ug/L	95
47) Tetrachloroethene	8.544	164	137944	20.273	ug/L	96
48) 2-Hexanone	8.672	43	487752	192.360	ug/L	98
49) Dibromochloromethane	8.798	129	156353	22.421	ug/L	97
50) 1,2-Dibromoethane	8.914	107	113871	20.868	ug/L	99
51) Chlorobenzene	9.438	112	418961	19.598	ug/L	98
52) Ethylbenzene	9.560	91	754902	20.263	ug/L	98
53) m,p-Xylene	9.682	106	284328	20.652	ug/L	99
54) o-Xylene	10.090	106	274992	20.550	ug/L	98
55) Styrene	10.103	104	471197	21.243	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	126839	19.415	ug/L #	94
59) Bromoform	10.280	173	96852	22.468	ug/L	98
60) Isopropylbenzene	10.473	105	777911	20.059	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	94607	19.162	ug/L	99
62) 1,3,5-Trimethylbenzene	11.078	105	678796	20.646	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	670778	20.838	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	348597	19.468	ug/L	97
65) 1,4-Dichlorobenzene	11.827	146	352619	19.642	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	326817	19.781	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.984	75	27870	25.118	ug/L	90
69) 1,3,5-Trichlorobenzene	13.209	180	276102	20.633	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	242787	22.878	ug/L	98
71) Naphthalene	14.077	128	390688	24.580	ug/L	100
72) 1,2,3-Trichlorobenzene	14.319	180	212643	22.757	ug/L	95

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

