

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022125\
 Data File : VU063274.D
 Acq On : 21 Feb 2025 14:27
 Operator : MD/SY
 Sample : VSTD01009
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010009

Quant Time: Feb 24 11:17:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022125WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Feb 24 11:14:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	203886	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	192021	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	96291	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	170947	13.28	ug/L	0.00
7) Chloroethane-d5	1.898	69	139477	12.12	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.554	65	70277	12.61	ug/L	0.00
20) 2-Butanone-d5	4.602	46	379813	99.86	ug/L	0.00
24) Chloroform-d	5.046	84	315920	11.75	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.685	65	156918	11.42	ug/L	0.00
32) Benzene-d6	5.711	84	626643	11.96	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.676	67	197263	11.55	ug/L	0.00
41) Toluene-d8	7.885	98	578911	12.47	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.168	79	77743	12.25	ug/L	0.00
46) 2-Hexanone-d5	8.618	63	313073	103.46	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.743	84	161854	11.00	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.180	152	191284	11.40	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	186382	10.49	ug/L	99
3) Chloromethane	1.515	50	199733	10.11	ug/L	100
5) Vinyl chloride	1.599	62	205445	10.33	ug/L	98
6) Bromomethane	1.840	94	122166	11.83	ug/L	98
8) Chloroethane	1.920	64	120964	10.11	ug/L	100
9) Trichlorofluoromethane	2.129	101	240858	10.84	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	152057	11.15	ug/L	99
12) 1,1-Dichloroethene	2.570	96	144419	10.68	ug/L	95
13) Acetone	2.612	43	218013	90.26	ug/L	97
14) Carbon disulfide	2.782	76	475448	10.16	ug/L	99
15) Methyl Acetate	2.936	43	62167	9.56	ug/L	100
16) Methylene chloride	3.030	84	166925	10.29	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	372937	10.16	ug/L	99
18) trans-1,2-Dichloroethene	3.338	96	154981	10.79	ug/L	99
19) 1,1-Dichloroethane	3.849	63	300050	10.32	ug/L	99
21) 2-Butanone	4.682	43	395429	99.97	ug/L	99
22) cis-1,2-Dichloroethene	4.650	96	176957	10.95	ug/L	98
23) Bromochloromethane	4.959	128	74998	10.37	ug/L	93
25) Chloroform	5.071	83	309187	10.80	ug/L	99
27) 1,2-Dichloroethane	5.779	62	195652	10.46	ug/L	100
29) 1,1,1-Trichloroethane	5.300	97	251351	10.98	ug/L	99
30) Cyclohexane	5.374	56	269829	11.41	ug/L	99
31) Carbon tetrachloride	5.512	117	215641	11.21	ug/L	100
33) Benzene	5.759	78	697561	10.93	ug/L	100
34) Trichloroethene	6.528	95	176139	10.92	ug/L	99
35) Methylcyclohexane	6.750	83	277983	11.73	ug/L	99
37) 1,2-Dichloropropane	6.775	63	184246	10.90	ug/L	99
38) Bromodichloromethane	7.090	83	220126	10.78	ug/L	100
39) cis-1,3-Dichloropropene	7.595	75	267918	11.07	ug/L	98
40) 4-Methyl-2-pentanone	7.775	43	1005362	102.39	ug/L	99
42) Toluene	7.955	91	750054	11.29	ug/L	99
44) trans-1,3-Dichloropropene	8.197	75	215749	10.69	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.386	97	128480	10.31	ug/L	97
47) Tetrachloroethene	8.541	164	129154	11.46	ug/L	98
48) 2-Hexanone	8.669	43	725871	105.26	ug/L	99
49) Dibromochloromethane	8.798	129	141202	10.77	ug/L	97
50) 1,2-Dibromoethane	8.910	107	121166	10.59	ug/L	99
51) Chlorobenzene	9.434	112	445483	11.09	ug/L	99
52) Ethylbenzene	9.560	91	801515	11.63	ug/L	98
53) m,p-Xylene	9.682	106	304964	12.17	ug/L	98
54) o-Xylene	10.087	106	293449	11.89	ug/L	99
55) Styrene	10.103	104	493454	12.13	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.769	83	164331	10.30	ug/L	98
59) Bromoform	10.277	173	84298	10.13	ug/L	97
60) Isopropylbenzene	10.473	105	783051	11.42	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	110727	9.51	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	645572	11.96	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	624670	12.17	ug/L	99
64) 1,3-Dichlorobenzene	11.733	146	343996	11.00	ug/L	98
65) 1,4-Dichlorobenzene	11.823	146	342387	10.92	ug/L	99
67) 1,2-Dichlorobenzene	12.200	146	322767	11.03	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	23018	9.96	ug/L	95
69) 1,3,5-Trichlorobenzene	13.209	180	242584	11.45	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	180968	11.04	ug/L	99
71) Naphthalene	14.077	128	260072	9.89	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	157505	10.82	ug/L	100

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

