

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022125\
 Data File : VU063273.D
 Acq On : 21 Feb 2025 14:02
 Operator : MD/SY
 Sample : VSTD00508
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005008

Quant Time: Feb 24 11:16:58 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	196969	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	191110	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	90402	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	83543	6.72	ug/L	0.00
7) Chloroethane-d5	1.901	69	67544	6.07	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	33428	6.21	ug/L	0.00
20) 2-Butanone-d5	4.605	46	179065	48.73	ug/L	0.00
24) Chloroform-d	5.049	84	152311	5.87	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.688	65	75306	5.67	ug/L	0.00
32) Benzene-d6	5.714	84	306374	5.87	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	95714	5.63	ug/L	0.00
41) Toluene-d8	7.888	98	278050	6.02	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	35599	5.64	ug/L	0.00
46) 2-Hexanone-d5	8.621	63	138202	45.89	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	76877	5.25	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	87418	5.55	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	81962	4.78	ug/L	100
3) Chloromethane	1.515	50	99521	5.21	ug/L	100
5) Vinyl chloride	1.599	62	96983	5.05	ug/L	100
6) Bromomethane	1.843	94	58131	5.82	ug/L	100
8) Chloroethane	1.923	64	58616	5.07	ug/L	100
9) Trichlorofluoromethane	2.129	101	106964	4.99	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	63684	4.84	ug/L	100
12) 1,1-Dichloroethene	2.570	96	67113	5.14	ug/L	100
13) Acetone	2.611	43	112616	48.26	ug/L	100
14) Carbon disulfide	2.782	76	216161	4.78	ug/L	100
15) Methyl Acetate	2.939	43	30254	4.82	ug/L	100
16) Methylene chloride	3.033	84	82036	5.24	ug/L	100
17) Methyl tert-butyl Ether	3.348	73	178912	5.05	ug/L	100
18) trans-1,2-Dichloroethene	3.341	96	70558	5.08	ug/L	100
19) 1,1-Dichloroethane	3.853	63	145758	5.19	ug/L	100
21) 2-Butanone	4.685	43	186270	48.74	ug/L	100
22) cis-1,2-Dichloroethene	4.653	96	84283	5.40	ug/L	100
23) Bromochloromethane	4.962	128	37501	5.37	ug/L	100
25) Chloroform	5.074	83	146406	5.29	ug/L	100
27) 1,2-Dichloroethane	5.782	62	93146	5.16	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	113279	4.97	ug/L	100
30) Cyclohexane	5.377	56	103562	4.40	ug/L	100
31) Carbon tetrachloride	5.512	117	93405	4.88	ug/L	100
33) Benzene	5.762	78	321877	5.07	ug/L	100
34) Trichloroethene	6.531	95	78172	4.87	ug/L	100
35) Methylcyclohexane	6.750	83	104240	4.42	ug/L	100
37) 1,2-Dichloropropane	6.778	63	85019	5.05	ug/L	100
38) Bromodichloromethane	7.094	83	103987	5.12	ug/L	100
39) cis-1,3-Dichloropropene	7.595	75	121472	5.04	ug/L	100
40) 4-Methyl-2-pentanone	7.775	43	472787	48.38	ug/L	100
42) Toluene	7.958	91	331694	5.01	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	101630	5.06	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.389	97	63017	5.08	ug/L	100
47) Tetrachloroethene	8.544	164	54142	4.83	ug/L	100
48) 2-Hexanone	8.672	43	334071	48.68	ug/L	100
49) Dibromochloromethane	8.798	129	65554	5.02	ug/L	100
50) 1,2-Dibromoethane	8.913	107	57523	5.05	ug/L	100
51) Chlorobenzene	9.438	112	196155	4.91	ug/L	100
52) Ethylbenzene	9.560	91	326913	4.77	ug/L	100
53) m,p-Xylene	9.685	106	124783	5.01	ug/L	100
54) o-Xylene	10.090	106	120184	4.89	ug/L	100
55) Styrene	10.106	104	204333	5.05	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	79361	5.00	ug/L	100
59) Bromoform	10.280	173	38538	4.93	ug/L	100
60) Isopropylbenzene	10.473	105	307846	4.78	ug/L	100
61) 1,2,3-Trichloropropane	10.810	75	52333	4.79	ug/L	100
62) 1,3,5-Trimethylbenzene	11.077	105	241946	4.78	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	225655	4.68	ug/L	100
64) 1,3-Dichlorobenzene	11.736	146	142640	4.86	ug/L	100
65) 1,4-Dichlorobenzene	11.826	146	141129	4.79	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	134981	4.91	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	10198	4.70	ug/L	100
69) 1,3,5-Trichlorobenzene	13.212	180	92613	4.66	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	66037	4.29	ug/L	100
71) Naphthalene	14.084	128	90120	3.65	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	57962	4.24	ug/L	100

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

