

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010225\
 Data File : VU062650.D
 Acq On : 02 Jan 2025 11:40
 Operator : MD/SY
 Sample : VSTD01065
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010065

Quant Time: Jan 03 00:25:21 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	106675	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	99899	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	52803	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	62155	8.915	ug/L	0.00
7) Chloroethane-d5	1.901	69	49144	9.620	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	30606	9.103	ug/L	0.00
20) 2-Butanone-d5	4.605	46	131116	96.727	ug/L	0.00
24) Chloroform-d	5.049	84	153296	9.845	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	83053	10.698	ug/L	0.00
32) Benzene-d6	5.714	84	257925	9.125	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	71926	8.939	ug/L	0.00
41) Toluene-d8	7.888	98	253171	9.461	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	37193	10.274	ug/L	0.00
46) 2-Hexanone-d5	8.621	63	118824	107.842	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	59102	9.349	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	95188	9.818	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	101537	10.079	ug/L	100
3) Chloromethane	1.515	50	67917	8.904	ug/L	99
5) Vinyl chloride	1.599	62	77320	9.618	ug/L	99
6) Bromomethane	1.843	94	56074	10.156	ug/L	94
8) Chloroethane	1.920	64	46613	10.194	ug/L	96
9) Trichlorofluoromethane	2.129	101	155985	10.830	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	76418	9.875	ug/L	98
12) 1,1-Dichloroethene	2.570	96	68905	9.666	ug/L	91
13) Acetone	2.618	43	87357	95.067	ug/L	99
14) Carbon disulfide	2.782	76	214436	9.571	ug/L	98
15) Methyl Acetate	2.939	43	20906	9.051	ug/L	96
16) Methylene chloride	3.033	84	72342	9.710	ug/L	96
17) Methyl tert-butyl Ether	3.351	73	190157	10.666	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	72852	9.894	ug/L	99
19) 1,1-Dichloroethane	3.853	63	128294	9.543	ug/L	96
21) 2-Butanone	4.685	43	129070	97.892	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	79727	9.703	ug/L	96
23) Bromochloromethane	4.959	128	38024	10.488	ug/L	95
25) Chloroform	5.074	83	157810	10.381	ug/L	99
27) 1,2-Dichloroethane	5.782	62	103510	10.602	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	152998	10.803	ug/L	99
30) Cyclohexane	5.377	56	102638	9.169	ug/L	97
31) Carbon tetrachloride	5.512	117	140474	10.785	ug/L	98
33) Benzene	5.763	78	295440	9.661	ug/L	100
34) Trichloroethene	6.531	95	89020	10.035	ug/L	97
35) Methylcyclohexane	6.753	83	123768	9.600	ug/L	100
37) 1,2-Dichloropropane	6.779	63	68594	9.328	ug/L	100
38) Bromodichloromethane	7.094	83	111902	10.492	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	122405	10.186	ug/L	98
40) 4-Methyl-2-pentanone	7.779	43	328675	95.502	ug/L	99
42) Toluene	7.959	91	329303	9.946	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	107343	10.887	ug/L	98

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45) 1,1,2-Trichloroethane	8.389	97	56575	10.097	ug/L	94
47) Tetrachloroethene	8.544	164	68610	10.141	ug/L	97
48) 2-Hexanone	8.672	43	236411	93.771	ug/L	97
49) Dibromochloromethane	8.798	129	76536	11.038	ug/L	98
50) 1,2-Dibromoethane	8.914	107	55261	10.185	ug/L	100
51) Chlorobenzene	9.438	112	209545	9.858	ug/L	99
52) Ethylbenzene	9.560	91	376323	10.159	ug/L	98
53) m,p-Xylene	9.685	106	141430	10.332	ug/L	100
54) o-Xylene	10.090	106	138143	10.383	ug/L	100
55) Styrene	10.103	104	233935	10.607	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	64402	9.914	ug/L #	96
59) Bromoform	10.280	173	45567	10.830	ug/L	99
60) Isopropylbenzene	10.473	105	384661	10.162	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	47458	9.848	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	332205	10.352	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	329991	10.503	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	171906	9.836	ug/L	96
65) 1,4-Dichlorobenzene	11.827	146	174216	9.943	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	161141	9.993	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	13381	12.356	ug/L	95
69) 1,3,5-Trichlorobenzene	13.209	180	135577	10.380	ug/L	100
70) 1,2,4-trichlorobenzene	13.830	180	113271	10.936	ug/L	99
71) Naphthalene	14.077	128	176844	11.399	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	98049	10.751	ug/L	96

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

