

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010225\
 Data File : VU062649.D
 Acq On : 02 Jan 2025 11:16
 Operator : MD/SY
 Sample : VSTD00564
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005064

Quant Time: Jan 03 00:24:51 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	106790	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	98563	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	51628	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	29806	4.271	ug/L	0.00
7) Chloroethane-d5	1.901	69	24478	4.786	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	15209	4.519	ug/L	0.00
20) 2-Butanone-d5	4.615	46	60934	44.904	ug/L	0.00
24) Chloroform-d	5.049	84	75824	4.864	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.688	65	40256	5.180	ug/L	0.00
32) Benzene-d6	5.717	84	128389	4.604	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	35965	4.531	ug/L	0.00
41) Toluene-d8	7.888	98	123509	4.678	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	17686	4.952	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	54363	50.008	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28389	4.551	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	45497	4.799	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	51716	5.128	ug/L	100
3) Chloromethane	1.515	50	33188	4.346	ug/L	100
5) Vinyl chloride	1.599	62	38622	4.799	ug/L	100
6) Bromomethane	1.843	94	28037	5.073	ug/L	100
8) Chloroethane	1.923	64	23311	5.092	ug/L	100
9) Trichlorofluoromethane	2.129	101	77846	5.399	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	38376	4.954	ug/L	100
12) 1,1-Dichloroethene	2.570	96	34237	4.797	ug/L	100
13) Acetone	2.621	43	41257	44.850	ug/L	100
14) Carbon disulfide	2.782	76	105577	4.707	ug/L	100
15) Methyl Acetate	2.946	43	10465	4.526	ug/L	100
16) Methylene chloride	3.033	84	35829	4.804	ug/L	100
17) Methyl tert-butyl Ether	3.351	73	87763	4.917	ug/L	100
18) trans-1,2-Dichloroethene	3.341	96	36363	4.933	ug/L	100
19) 1,1-Dichloroethane	3.856	63	64759	4.812	ug/L	100
21) 2-Butanone	4.692	43	60564	45.885	ug/L	100
22) cis-1,2-Dichloroethene	4.653	96	39015	4.743	ug/L	100
23) Bromochloromethane	4.965	128	18016	4.964	ug/L	100
25) Chloroform	5.074	83	75485	4.960	ug/L	100
27) 1,2-Dichloroethane	5.785	62	49473	5.062	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	74275	5.316	ug/L	100
30) Cyclohexane	5.377	56	51117	4.628	ug/L	100
31) Carbon tetrachloride	5.515	117	68137	5.302	ug/L	100
33) Benzene	5.762	78	142523	4.723	ug/L	100
34) Trichloroethene	6.534	95	45086	5.151	ug/L	100
35) Methylcyclohexane	6.753	83	60756	4.776	ug/L	100
37) 1,2-Dichloropropane	6.782	63	33695	4.644	ug/L	100
38) Bromodichloromethane	7.097	83	53317	5.067	ug/L	100
39) cis-1,3-Dichloropropene	7.598	75	58271	4.915	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	154038	45.365	ug/L	100
42) Toluene	7.962	91	160706	4.920	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	50588	5.200	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.389	97	26075	4.717	ug/L	100
47) Tetrachloroethene	8.547	164	33436	5.009	ug/L	100
48) 2-Hexanone	8.675	43	106851	42.956	ug/L	100
49) Dibromochloromethane	8.801	129	35973	5.258	ug/L	100
50) 1,2-Dibromoethane	8.913	107	26324	4.918	ug/L	100
51) Chlorobenzene	9.438	112	101625	4.846	ug/L	100
52) Ethylbenzene	9.563	91	179532	4.912	ug/L	100
53) m,p-Xylene	9.685	106	68271	5.055	ug/L	100
54) o-Xylene	10.093	106	64954	4.948	ug/L	100
55) Styrene	10.106	104	110319	5.070	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	29951	4.673	ug/L	100
59) Bromoform	10.283	173	22271	5.414	ug/L	100
60) Isopropylbenzene	10.476	105	184267	4.979	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	22446	4.764	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	157427	5.017	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	152502	4.964	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	84758	4.960	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	82000	4.786	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	77941	4.943	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	5918	5.589	ug/L	100
69) 1,3,5-Trichlorobenzene	13.212	180	63701	4.988	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	49938	4.931	ug/L	100
71) Naphthalene	14.080	128	69694	4.595	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	41890	4.698	ug/L	100

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

