

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010225\
 Data File : VU062648.D
 Acq On : 02 Jan 2025 10:31
 Operator : MD/SY
 Sample : VSTD00163
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001063

Quant Time: Jan 03 00:24:19 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	6.239	114	99421	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	91745	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	47188	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	4725	0.727	ug/L	0.00
7) Chloroethane-d5	1.901	69	3878	0.815	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	2582	0.824	ug/L	0.00
20) 2-Butanone-d5	4.634	46	9447m	7.478	ug/L	0.02
24) Chloroform-d	5.049	84	11390	0.785	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	6319	0.873	ug/L	0.00
32) Benzene-d6	5.718	84	20201	0.778	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	5198	0.703	ug/L	0.00
41) Toluene-d8	7.891	98	19540	0.795	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	2506	0.754	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	8054	7.959	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	4508	0.776	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	6680	0.771	ug/L	0.00
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.377	85	9232	0.983	ug/L	100
3) Chloromethane	1.512	50	6281	0.884	ug/L	97
5) Vinyl chloride	1.596	62	7462	0.996	ug/L	98
6) Bromomethane	1.846	94	4887	0.950	ug/L	75
8) Chloroethane	1.920	64	4005	0.940	ug/L	91
9) Trichlorofluoromethane	2.129	101	14032	1.045	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	6870	0.953	ug/L	98
12) 1,1-Dichloroethene	2.570	96	5979	0.900	ug/L	95
13) Acetone	2.625	43	8436	9.850	ug/L	100
14) Carbon disulfide	2.782	76	19030	0.911	ug/L	99
15) Methyl Acetate	2.946	43	1746m	0.811	ug/L	
16) Methylene chloride	3.030	84	6268	0.903	ug/L	96
17) Methyl tert-butyl Ether	3.351	73	16414	0.988	ug/L	97
18) trans-1,2-Dichloroethene	3.342	96	6003	0.875	ug/L	99
19) 1,1-Dichloroethane	3.853	63	11173	0.892	ug/L	97
21) 2-Butanone	4.711	43	11692m	9.515	ug/L	
22) cis-1,2-Dichloroethene	4.653	96	6734	0.879	ug/L	97
23) Bromochloromethane	4.965	128	3396	1.005	ug/L #	74
25) Chloroform	5.078	83	14469	1.021	ug/L	93
27) 1,2-Dichloroethane	5.785	62	9431	1.036	ug/L #	92
29) 1,1,1-Trichloroethane	5.303	97	13721	1.055	ug/L	99
30) Cyclohexane	5.377	56	8807	0.857	ug/L	94
31) Carbon tetrachloride	5.512	117	12878	1.077	ug/L	94
33) Benzene	5.763	78	25525	0.909	ug/L	100
34) Trichloroethene	6.534	95	9371	1.150	ug/L	95
35) Methylcyclohexane	6.753	83	10132	0.856	ug/L	97
37) 1,2-Dichloropropane	6.785	63	5733	0.849	ug/L #	92
38) Bromodichloromethane	7.097	83	9805	1.001	ug/L #	95
39) cis-1,3-Dichloropropene	7.602	75	9986	0.905	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	27792	8.793	ug/L	97
42) Toluene	7.962	91	27298	0.898	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	8278	0.914	ug/L	89

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45) 1,1,2-Trichloroethane	8.390	97	5163	1.003	ug/L	97
47) Tetrachloroethene	8.544	164	5941	0.956	ug/L	94
48) 2-Hexanone	8.682	43	20414m	8.817	ug/L	
49) Dibromochloromethane	8.801	129	6425	1.009	ug/L	99
50) 1,2-Dibromoethane	8.917	107	4723	0.948	ug/L #	93
51) Chlorobenzene	9.441	112	18694	0.958	ug/L	97
52) Ethylbenzene	9.563	91	30829	0.906	ug/L	97
53) m,p-Xylene	9.685	106	11212	0.892	ug/L	100
54) o-Xylene	10.094	106	10684	0.874	ug/L	98
55) Styrene	10.110	104	17029	0.841	ug/L	88
57) 1,1,2,2-Tetrachloroethane	10.775	83	5256	0.881	ug/L #	86
59) Bromoform	10.280	173	4260	1.133	ug/L #	92
60) Isopropylbenzene	10.476	105	30350	0.897	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	4088	0.949	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	25535	0.890	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	23227	0.827	ug/L	96
64) 1,3-Dichlorobenzene	11.737	146	14345	0.918	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	15006	0.958	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	13597	0.944	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.997	75	897	0.927	ug/L	98
69) 1,3,5-Trichlorobenzene	13.216	180	10571	0.906	ug/L	97
70) 1,2,4-trichlorobenzene	13.840	180	7818	0.845	ug/L	98
71) Naphthalene	14.090	128	11008m	0.794	ug/L	
72) 1,2,3-Trichlorobenzene	14.325	180	7387	0.906	ug/L	90

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

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