

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV060425\
 Data File : VV038749.D
 Acq On : 04 Jun 2025 16:19
 Operator : SY/MD
 Sample : VSTD01044
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010244

Quant Time: Jun 13 08:23:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 13 01:47:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	246094	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	248982	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	141011	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.288	65	334980	9.722	ug/L	0.00
7) Chloroethane-d5	1.542	69	236056	9.680	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.069	65	131330	9.412	ug/L	0.00
20) 2-Butanone-d5	3.786	46	474572	106.004	ug/L	0.00
24) Chloroform-d	4.253	84	488591	9.961	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	222497	9.955	ug/L	0.00
32) Benzene-d6	4.960	84	965300	10.778	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.986	67	284525	8.278	ug/L	0.00
41) Toluene-d8	7.236	98	882170	11.298	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	108993	10.829	ug/L	0.00
46) 2-Hexanone-d5	8.014	63	403835	124.613	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.143	84	203854	10.067	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.548	152	264010	10.124	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.118	85	314577	9.567	ug/L	99
3) Chloromethane	1.224	50	350130	9.236	ug/L	98
5) Vinyl chloride	1.294	62	345702	9.622	ug/L	96
6) Bromomethane	1.494	94	165498	9.208	ug/L	96
8) Chloroethane	1.558	64	208140	9.569	ug/L	97
9) Trichlorofluoromethane	1.722	101	446404	9.533	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	261925	9.795	ug/L	97
12) 1,1-Dichloroethene	2.079	96	238099	9.474	ug/L	85
13) Acetone	2.121	43	325870	95.200	ug/L	97
14) Carbon disulfide	2.249	76	819918	9.599	ug/L	100
15) Methyl Acetate	2.384	43	91339	10.013	ug/L	96
16) Methylene chloride	2.455	84	255968	9.061	ug/L	93
17) Methyl tert-butyl Ether	2.712	73	487554	10.632	ug/L	97
18) trans-1,2-Dichloroethene	2.703	96	250916	10.002	ug/L	92
19) 1,1-Dichloroethane	3.117	63	497958	9.941	ug/L	99
21) 2-Butanone	3.867	43	538568	107.774	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	264584	10.474	ug/L	91
23) Bromochloromethane	4.153	128	112536	9.984	ug/L	94
25) Chloroform	4.278	83	488066	9.795	ug/L	97
27) 1,2-Dichloroethane	5.040	62	281154	10.156	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	421138	10.073	ug/L	99
30) Cyclohexane	4.584	56	442779	11.444	ug/L	95
31) Carbon tetrachloride	4.735	117	367973	9.982	ug/L	99
33) Benzene	5.008	78	1055096	10.776	ug/L	100
34) Trichloroethene	5.831	95	264156	10.588	ug/L	96
35) Methylcyclohexane	6.047	83	444421	11.268	ug/L	100
37) 1,2-Dichloropropane	6.088	63	284988	10.946	ug/L	99
38) Bromodichloromethane	6.429	83	334479	9.913	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	380998	11.140	ug/L	97
40) 4-Methyl-2-pentanone	7.146	43	1425081	120.680	ug/L	98
42) Toluene	7.310	91	1131090	11.391	ug/L	98
44) trans-1,3-Dichloropropene	7.574	75	322757	11.185	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.764	97	181214	9.884	ug/L	96
47) Tetrachloroethene	7.899	164	202914	10.519	ug/L	98
48) 2-Hexanone	8.063	43	1001500	125.146	ug/L	95
49) Dibromochloromethane	8.169	129	208741	10.268	ug/L	98
50) 1,2-Dibromoethane	8.275	107	165996	10.418	ug/L	95
51) Chlorobenzene	8.805	112	682838	10.605	ug/L	99
52) Ethylbenzene	8.937	91	1192135	11.752	ug/L	99
53) m,p-Xylene	9.066	106	467346	12.180	ug/L	96
54) o-Xylene	9.471	106	437321	12.037	ug/L	97
55) Styrene	9.487	104	783837	12.600	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	214508	10.216	ug/L	97
59) Bromoform	9.657	173	107539	9.739	ug/L	98
60) Isopropylbenzene	9.857	105	1174406	11.232	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	143491	9.576	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	921935	11.470	ug/L	98
63) 1,2,4-Trimethylbenzene	10.841	105	942368	11.717	ug/L	100
64) 1,3-Dichlorobenzene	11.108	146	533032	10.576	ug/L	100
65) 1,4-Dichlorobenzene	11.198	146	549019	10.378	ug/L	99
67) 1,2-Dichlorobenzene	11.567	146	485998	10.511	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.355	75	31031	9.696	ug/L	95
69) 1,3,5-Trichlorobenzene	12.570	180	339027	10.376	ug/L	99
70) 1,2,4-trichlorobenzene	13.188	180	267391	10.404	ug/L	99
71) Naphthalene	13.426	128	457649	11.032	ug/L	98
72) 1,2,3-Trichlorobenzene	13.667	180	258579	10.983	ug/L	97

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

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