

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060625\
 Data File : VU063359.D
 Acq On : 06 Jun 2025 16:33
 Operator : MD/SY
 Sample : VSTD00116
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001016

Quant Time: Jun 09 11:19:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 09 11:15:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	105474	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	104694	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	51532	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	10612	1.025	ug/L	0.00
7) Chloroethane-d5	1.901	69	8363	1.033	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.554	65	3771	1.046	ug/L	0.00
20) 2-Butanone-d5	4.637	46	20344	9.232	ug/L	0.02
24) Chloroform-d	5.052	84	16257	1.003	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	8246	1.001	ug/L	0.00
32) Benzene-d6	5.718	84	30407	0.964	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	9934	0.946	ug/L	0.00
41) Toluene-d8	7.891	98	24666	0.920	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	3153	0.862	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	12247	7.618	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	8677	0.952	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	8112	0.940	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	9465	0.960	ug/L	97
3) Chloromethane	1.522	50	12171	0.982	ug/L	96
5) Vinyl chloride	1.596	62	12683	0.945	ug/L	98
6) Bromomethane	1.843	94	6888	0.942	ug/L	94
8) Chloroethane	1.920	64	7836	0.956	ug/L	95
9) Trichlorofluoromethane	2.126	101	14454	0.949	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	8411	0.965	ug/L	97
12) 1,1-Dichloroethene	2.567	96	7550	0.926	ug/L	96
13) Acetone	2.621	43	15616	9.888	ug/L	96
14) Carbon disulfide	2.779	76	26289	0.926	ug/L	98
15) Methyl Acetate	2.949	43	3804	0.915	ug/L #	87
16) Methylene chloride	3.030	84	10171	0.976	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	18413	0.890	ug/L	98
18) trans-1,2-Dichloroethene	3.341	96	8621	0.946	ug/L	94
19) 1,1-Dichloroethane	3.859	63	16722	0.918	ug/L	98
21) 2-Butanone	4.711	43	20237	8.414	ug/L	97
22) cis-1,2-Dichloroethene	4.653	96	9124	0.896	ug/L	89
23) Bromochloromethane	4.959	128	4255	0.903	ug/L	95
25) Chloroform	5.078	83	17516	0.960	ug/L	95
27) 1,2-Dichloroethane	5.788	62	11153	0.950	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	13522	0.944	ug/L	98
30) Cyclohexane	5.377	56	12758	0.857	ug/L	99
31) Carbon tetrachloride	5.515	117	11346	0.948	ug/L	97
33) Benzene	5.766	78	35939	0.904	ug/L	100
34) Trichloroethene	6.541	95	9457	0.904	ug/L	93
35) Methylcyclohexane	6.756	83	12770	0.867	ug/L	97
37) 1,2-Dichloropropane	6.782	63	10025	0.909	ug/L #	97
38) Bromodichloromethane	7.097	83	12429	0.952	ug/L #	99
39) cis-1,3-Dichloropropene	7.602	75	12279	0.820	ug/L	93
40) 4-Methyl-2-pentanone	7.785	43	49707	8.369	ug/L	95
42) Toluene	7.965	91	36338	0.883	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	9974	0.817	ug/L	98

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45) 1,1,2-Trichloroethane	8.393	97	7409	0.939	ug/L	95
47) Tetrachloroethene	8.544	164	6865	0.923	ug/L	93
48) 2-Hexanone	8.679	43	35927	8.440	ug/L	96
49) Dibromochloromethane	8.804	129	8182	0.969	ug/L	97
50) 1,2-Dibromoethane	8.917	107	6738	0.929	ug/L	99
51) Chlorobenzene	9.441	112	24156	0.920	ug/L	94
52) Ethylbenzene	9.563	91	34178	0.810	ug/L	96
53) m,p-Xylene	9.688	106	12235	0.776	ug/L	96
54) o-Xylene	10.097	106	12059	0.803	ug/L	91
55) Styrene	10.110	104	19087	0.746	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	9206	0.911	ug/L	99
59) Bromoform	10.283	173	4464	0.973	ug/L #	95
60) Isopropylbenzene	10.476	105	31390	0.857	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	6301	1.008	ug/L	95
62) 1,3,5-Trimethylbenzene	11.084	105	23096	0.817	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	21280	0.784	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	16751	0.922	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	16669	0.915	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	15541	0.912	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.000	75	1182	0.990	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.219	180	11020	0.912	ug/L	97
70) 1,2,4-trichlorobenzene	13.839	180	7969	0.837	ug/L	96
71) Naphthalene	14.093	128	10332	0.731	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	7400	0.854	ug/L	90

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

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