

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060625\
 Data File : VU063358.D
 Acq On : 06 Jun 2025 16:06
 Operator : MD/SY
 Sample : VSTD0.515
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5015

Quant Time: Jun 09 11:15:33 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	102723	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	104008	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	49844	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	4944	0.491	ug/L	0.00
7) Chloroethane-d5	1.898	69	3945	0.500	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.554	65	1691	0.482	ug/L	0.00
20) 2-Butanone-d5	4.644	46	8781	4.092	ug/L	0.03
24) Chloroform-d	5.055	84	7149	0.453	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	3702	0.461	ug/L	0.00
32) Benzene-d6	5.721	84	14164	0.452	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	4823	0.462	ug/L	0.00
41) Toluene-d8	7.894	98	11298	0.424	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	1483	0.408	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	5379	3.368	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	4104	0.453	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	3996	0.479	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	4828	0.503	ug/L	100
3) Chloromethane	1.522	50	6276	0.520	ug/L	98
5) Vinyl chloride	1.596	62	7209	0.551	ug/L	95
6) Bromomethane	1.840	94	3796	0.533	ug/L	98
8) Chloroethane	1.920	64	4135	0.518	ug/L	99
9) Trichlorofluoromethane	2.126	101	7884	0.532	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	4677	0.551	ug/L	92
12) 1,1-Dichloroethene	2.563	96	4147	0.522	ug/L	98
13) Acetone	2.621	43	9271	6.028	ug/L	96
14) Carbon disulfide	2.779	76	15543	0.562	ug/L	98
15) Methyl Acetate	2.952	43	2308	0.570	ug/L #	88
16) Methylene chloride	3.030	84	5690	0.560	ug/L	90
17) Methyl tert-butyl Ether	3.357	73	9652	0.479	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	4803	0.541	ug/L	94
19) 1,1-Dichloroethane	3.859	63	9265	0.522	ug/L	94
21) 2-Butanone	4.721	43	10679	4.559	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	4996	0.504	ug/L	95
23) Bromochloromethane	4.968	128	2495	0.544	ug/L	95
25) Chloroform	5.078	83	9382	0.528	ug/L	97
27) 1,2-Dichloroethane	5.791	62	6073	0.531	ug/L #	91
29) 1,1,1-Trichloroethane	5.306	97	7527	0.529	ug/L	97
30) Cyclohexane	5.373	56	6727	0.455	ug/L	92
31) Carbon tetrachloride	5.509	117	6009	0.506	ug/L	97
33) Benzene	5.769	78	19450	0.492	ug/L	100
34) Trichloroethene	6.541	95	5823	0.560	ug/L #	90
35) Methylcyclohexane	6.753	83	6601	0.451	ug/L	97
37) 1,2-Dichloropropane	6.785	63	5435	0.496	ug/L #	96
38) Bromodichloromethane	7.100	83	6718	0.518	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	7166	0.482	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	25837	4.379	ug/L	94
42) Toluene	7.965	91	18218	0.446	ug/L	100
44) trans-1,3-Dichloropropene	8.209	75	5703	0.470	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060625\
 Data File : VU063358.D
 Acq On : 06 Jun 2025 16:06
 Operator : MD/SY
 Sample : VSTD0.515
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5015

Quant Time: Jun 09 11:15:33 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)
45) 1,1,2-Trichloroethane	8.393	97	3962	0.506	ug/L	94
47) Tetrachloroethene	8.547	164	3631	0.491	ug/L	90
48) 2-Hexanone	8.682	43	17354	4.103	ug/L	95
49) Dibromochloromethane	8.804	129	4139	0.493	ug/L	97
50) 1,2-Dibromoethane	8.923	107	3630	0.504	ug/L #	95
51) Chlorobenzene	9.441	112	13195	0.506	ug/L	92
52) Ethylbenzene	9.563	91	18997	0.453	ug/L	100
53) m,p-Xylene	9.692	106	6511	0.416	ug/L	92
54) o-Xylene	10.097	106	6144	0.412	ug/L	96
55) Styrene	10.113	104	9761	0.384	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	4984	0.496	ug/L #	97
59) Bromoform	10.286	173	2441	0.550	ug/L #	90
60) Isopropylbenzene	10.479	105	16577	0.468	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	3069	0.507	ug/L #	89
62) 1,3,5-Trimethylbenzene	11.084	105	12238	0.448	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	11024	0.420	ug/L	97
64) 1,3-Dichlorobenzene	11.743	146	9314	0.530	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	9292	0.527	ug/L	96
67) 1,2-Dichlorobenzene	12.212	146	8791	0.533	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.994	75	442	0.383	ug/L #	65
69) 1,3,5-Trichlorobenzene	13.219	180	5633	0.482	ug/L	96
70) 1,2,4-trichlorobenzene	13.846	180	4418	0.479	ug/L	99
71) Naphthalene	14.106	128	4532	0.332	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	3872	0.462	ug/L	93

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

