

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060625\
 Data File : VU063363.D
 Acq On : 06 Jun 2025 18:53
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV020

Quant Time: Jun 09 11:35:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 09 11:34:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	112614	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	111513	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	58759	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	52503	4.752	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.895	69	42729	4.942	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.550	65	17993	4.674	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	4.615	46	120360	51.156	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.320%
24) Chloroform-d	5.052	84	86092	4.974	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.692	65	43913	4.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.714	84	167325	4.979	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.679	67	56018	5.007	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.888	98	144845	5.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
43) trans-1,3-Dichloroprop...	8.174	79	20305	5.209	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.200%
46) 2-Hexanone-d5	8.624	63	90157	52.653	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.300%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47878	4.930	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	50536	5.136	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	52893	5.024	ug/L	98
3) Chloromethane	1.522	50	63383	4.790	ug/L	99
5) Vinyl chloride	1.596	62	69436	4.844	ug/L	97
6) Bromomethane	1.837	94	38647	4.951	ug/L	100
8) Chloroethane	1.917	64	42666	4.877	ug/L	97
9) Trichlorofluoromethane	2.123	101	79294	4.877	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	44659	4.798	ug/L	98
12) 1,1-Dichloroethene	2.563	96	42611	4.895	ug/L	97
13) Acetone	2.618	43	79894	47.382	ug/L	99
14) Carbon disulfide	2.776	76	148840	4.910	ug/L	100
15) Methyl Acetate	2.943	43	21116	4.757	ug/L	100
16) Methylene chloride	3.030	84	53192	4.779	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	111032	5.025	ug/L	99
18) trans-1,2-Dichloroethene	3.338	96	46938	4.823	ug/L	99
19) 1,1-Dichloroethane	3.853	63	95161	4.891	ug/L	98
21) 2-Butanone	4.695	43	134116	52.227	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	52776	4.855	ug/L	98
23) Bromochloromethane	4.962	128	24659	4.900	ug/L	98
25) Chloroform	5.074	83	94226	4.836	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	61157	4.879	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	74222	4.864	ug/L	99
30) Cyclohexane	5.374	56	78761	4.969	ug/L	99
31) Carbon tetrachloride	5.512	117	62236	4.883	ug/L	99
33) Benzene	5.763	78	214723	5.069	ug/L	100
34) Trichloroethene	6.531	95	53041	4.761	ug/L	97
35) Methylcyclohexane	6.753	83	75995	4.847	ug/L	98
37) 1,2-Dichloropropane	6.782	63	59397	5.056	ug/L	99
38) Bromodichloromethane	7.097	83	67824	4.879	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	78540	4.924	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	329116	52.022	ug/L	99
42) Toluene	7.962	91	224385	5.119	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	65059	5.001	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	42005	4.999	ug/L	99
47) Tetrachloroethene	8.547	164	38880	4.908	ug/L	98
48) 2-Hexanone	8.676	43	243318	53.662	ug/L	100
49) Dibromochloromethane	8.798	129	43556	4.843	ug/L	98
50) 1,2-Dibromoethane	8.914	107	38929	5.036	ug/L	95
51) Chlorobenzene	9.438	112	139263	4.977	ug/L	96
52) Ethylbenzene	9.563	91	225575	5.018	ug/L	100
53) m,p-Xylene	9.685	106	87486	5.210	ug/L	95
54) o-Xylene	10.094	106	83278	5.204	ug/L	94
55) Styrene	10.106	104	143145	5.251	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	54366	5.048	ug/L	99
59) Bromoform	10.283	173	25816	4.933	ug/L	99
60) Isopropylbenzene	10.476	105	218159	5.222	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	36726	5.152	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	167725	5.206	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	163378	5.282	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	104972	5.068	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	105123	5.059	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	96998	4.992	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	7347	5.397	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	70924	5.150	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	56763	5.226	ug/L	100
71) Naphthalene	14.081	128	92739	5.973	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	53371	5.400	ug/L	96

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

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