

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060925\
 Data File : VU063371.D
 Acq On : 09 Jun 2025 17:12
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005142

Quant Time: Jun 10 12:18:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 10 12:13:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	107162	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	106802	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	57970	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	44877	4.268	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.901	69	38019	4.621	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.554	65	16815	4.591	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.800%
20) 2-Butanone-d5	4.611	46	94512	42.214	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.420%
24) Chloroform-d	5.049	84	79959	4.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.692	65	39469	4.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.714	84	153296	4.762	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.679	67	51490	4.805	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.888	98	133572	4.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	8.171	79	17118	4.585	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.621	63	67643	41.247	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.500%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	40177	4.319	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	45216	4.658	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	51367	5.128	ug/L	99
3) Chloromethane	1.518	50	61150	4.856	ug/L	100
5) Vinyl chloride	1.599	62	64280	4.713	ug/L	98
6) Bromomethane	1.846	94	37760	5.083	ug/L	98
8) Chloroethane	1.923	64	40672	4.886	ug/L	98
9) Trichlorofluoromethane	2.129	101	76922	4.971	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	45379	5.123	ug/L	98
12) 1,1-Dichloroethene	2.567	96	40604	4.902	ug/L	94
13) Acetone	2.615	43	66539	41.469	ug/L	100
14) Carbon disulfide	2.782	76	142399	4.936	ug/L	100
15) Methyl Acetate	2.943	43	17172	4.065	ug/L	97
16) Methylene chloride	3.033	84	51808	4.891	ug/L	97
17) Methyl tert-butyl Ether	3.351	73	98739	4.696	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	44983	4.857	ug/L	96
19) 1,1-Dichloroethane	3.856	63	94255	5.091	ug/L	97
21) 2-Butanone	4.692	43	108700	44.483	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	51592	4.988	ug/L	98
23) Bromochloromethane	4.962	128	23072	4.818	ug/L	98
25) Chloroform	5.074	83	93399	5.038	ug/L	98

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27) 1,2-Dichloroethane	5.782	62	58294	4.888	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	72099	4.933	ug/L	99
30) Cyclohexane	5.377	56	76678	5.051	ug/L	99
31) Carbon tetrachloride	5.512	117	60474	4.955	ug/L	99
33) Benzene	5.763	78	206949	5.101	ug/L	100
34) Trichloroethene	6.531	95	51846	4.859	ug/L	97
35) Methylcyclohexane	6.753	83	74362	4.952	ug/L	99
37) 1,2-Dichloropropane	6.779	63	56466	5.019	ug/L	99
38) Bromodichloromethane	7.094	83	64771	4.865	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	74194	4.857	ug/L	98
40) 4-Methyl-2-pentanone	7.779	43	275133	45.407	ug/L	98
42) Toluene	7.959	91	219888	5.237	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	59367	4.765	ug/L	96
45) 1,1,2-Trichloroethane	8.389	97	38372	4.768	ug/L	99
47) Tetrachloroethene	8.544	164	38740	5.106	ug/L	97
48) 2-Hexanone	8.672	43	199892	46.029	ug/L	99
49) Dibromochloromethane	8.798	129	40356	4.685	ug/L	100
50) 1,2-Dibromoethane	8.914	107	34536	4.665	ug/L	97
51) Chlorobenzene	9.438	112	132785	4.955	ug/L	96
52) Ethylbenzene	9.560	91	218077	5.065	ug/L	98
53) m,p-Xylene	9.685	106	85158	5.295	ug/L	95
54) o-Xylene	10.090	106	79957	5.217	ug/L	96
55) Styrene	10.106	104	137558	5.269	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	47816	4.636	ug/L	98
59) Bromoform	10.280	173	22778	4.412	ug/L	97
60) Isopropylbenzene	10.473	105	212663	5.160	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	32394	4.606	ug/L	100
62) 1,3,5-Trimethylbenzene	11.077	105	160379	5.045	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	151455	4.963	ug/L	97
64) 1,3-Dichlorobenzene	11.737	146	101255	4.955	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	101115	4.933	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	91041	4.749	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5827	4.339	ug/L	91
69) 1,3,5-Trichlorobenzene	13.212	180	65499	4.821	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	47216	4.406	ug/L	100
71) Naphthalene	14.081	128	55487	3.622	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	40944	4.199	ug/L	99

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

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