

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061025\
 Data File : VU063373.D
 Acq On : 10 Jun 2025 09:42
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005143

Quant Time: Jun 10 13:00:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 10 13:00:15 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	106342	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	108158	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	56390	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	44194	4.236	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.904	69	37828	4.633	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.557	65	16235	4.466	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.611	46	95411	42.944	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.880%
24) Chloroform-d	5.052	84	80755	4.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.692	65	39802	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.718	84	155507	4.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.679	67	51492	4.745	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.888	98	133643	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	8.174	79	17565	4.646	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.624	63	66039	39.764	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.520%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	42190	4.479	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	44645	4.728	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	50240	5.054	ug/L	98
3) Chloromethane	1.518	50	59481	4.760	ug/L	99
5) Vinyl chloride	1.599	62	64254	4.747	ug/L	100
6) Bromomethane	1.846	94	37202	5.047	ug/L	99
8) Chloroethane	1.923	64	40421	4.893	ug/L	100
9) Trichlorofluoromethane	2.129	101	76550	4.985	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	45035	5.123	ug/L	99
12) 1,1-Dichloroethene	2.570	96	41877	5.095	ug/L	97
13) Acetone	2.615	43	70475	44.261	ug/L	98
14) Carbon disulfide	2.782	76	146095	5.103	ug/L	99
15) Methyl Acetate	2.943	43	17381	4.147	ug/L	96
16) Methylene chloride	3.033	84	50486	4.803	ug/L	94
17) Methyl tert-butyl Ether	3.351	73	97472	4.671	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	45372	4.937	ug/L	99
19) 1,1-Dichloroethane	3.856	63	93237	5.075	ug/L	99
21) 2-Butanone	4.689	43	111168	45.844	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	50075	4.878	ug/L	97
23) Bromochloromethane	4.965	128	23152	4.872	ug/L	96
25) Chloroform	5.074	83	93666	5.091	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	56616	4.783	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	73052	4.936	ug/L	99
30) Cyclohexane	5.377	56	76144	4.953	ug/L	99
31) Carbon tetrachloride	5.512	117	61407	4.968	ug/L	100
33) Benzene	5.763	78	208824	5.082	ug/L	100
34) Trichloroethene	6.534	95	51963	4.809	ug/L	97
35) Methylcyclohexane	6.753	83	76495	5.030	ug/L	99
37) 1,2-Dichloropropane	6.782	63	58263	5.113	ug/L	100
38) Bromodichloromethane	7.097	83	66800	4.955	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	73689	4.763	ug/L	99
40) 4-Methyl-2-pentanone	7.779	43	268581	43.770	ug/L	99
42) Toluene	7.962	91	221471	5.209	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	60019	4.757	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	38352	4.706	ug/L	97
47) Tetrachloroethene	8.544	164	39040	5.081	ug/L	98
48) 2-Hexanone	8.672	43	192725	43.823	ug/L	100
49) Dibromochloromethane	8.801	129	40088	4.596	ug/L	100
50) 1,2-Dibromoethane	8.914	107	34600	4.615	ug/L	93
51) Chlorobenzene	9.438	112	132194	4.871	ug/L	94
52) Ethylbenzene	9.563	91	218020	5.001	ug/L	99
53) m,p-Xylene	9.685	106	83657	5.136	ug/L	98
54) o-Xylene	10.094	106	78932	5.086	ug/L	98
55) Styrene	10.106	104	135847	5.138	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	45290	4.336	ug/L	99
59) Bromoform	10.283	173	22911	4.562	ug/L	99
60) Isopropylbenzene	10.476	105	210995	5.263	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	32257	4.715	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	155948	5.044	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	148521	5.003	ug/L	96
64) 1,3-Dichlorobenzene	11.740	146	101227	5.092	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	100770	5.054	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	91080	4.885	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	5798	4.438	ug/L	99
69) 1,3,5-Trichlorobenzene	13.212	180	67259	5.089	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	45178	4.334	ug/L	98
71) Naphthalene	14.084	128	51505	3.457	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	39287	4.142	ug/L	96

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

