

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060925\
 Data File : VU063368.D
 Acq On : 09 Jun 2025 11:04
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005141

Quant Time: Jun 10 12:12:13 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	6.242	114	94182	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	94538	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	50001	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	36825	3.985	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.901	69	30074	4.159	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.554	65	13480	4.187	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	4.615	46	73493	37.349	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.700%
24) Chloroform-d	5.052	84	64496	4.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.692	65	31322	4.257	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	5.717	84	122938	4.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.679	67	40583	4.278	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.891	98	107385	4.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	8.174	79	14945	4.522	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.624	63	51707	35.620	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.240%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	33873	4.114	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	36320	4.338	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	46046	5.230	ug/L	99
3) Chloromethane	1.518	50	53469	4.831	ug/L	98
5) Vinyl chloride	1.599	62	57956	4.835	ug/L	100
6) Bromomethane	1.843	94	32573	4.989	ug/L	99
8) Chloroethane	1.923	64	36113	4.936	ug/L	99
9) Trichlorofluoromethane	2.129	101	68594	5.044	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	42558	5.467	ug/L	99
12) 1,1-Dichloroethene	2.570	96	38980	5.355	ug/L	91
13) Acetone	2.615	43	65321	46.321	ug/L	99
14) Carbon disulfide	2.782	76	126229	4.979	ug/L	98
15) Methyl Acetate	2.943	43	18050	4.862	ug/L	100
16) Methylene chloride	3.033	84	47861	5.141	ug/L	96
17) Methyl tert-butyl Ether	3.351	73	95161	5.149	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	41817	5.137	ug/L	98
19) 1,1-Dichloroethane	3.856	63	89136	5.478	ug/L	97
21) 2-Butanone	4.692	43	100175	46.644	ug/L	100
22) cis-1,2-Dichloroethene	4.653	96	48980	5.388	ug/L	99
23) Bromochloromethane	4.962	128	22051	5.239	ug/L	96
25) Chloroform	5.074	83	89649	5.502	ug/L	97

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27) 1,2-Dichloroethane	5.785	62	54592	5.208	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	68770	5.316	ug/L	98
30) Cyclohexane	5.377	56	70134	5.220	ug/L	99
31) Carbon tetrachloride	5.512	117	57119	5.287	ug/L	99
33) Benzene	5.762	78	193891	5.399	ug/L	100
34) Trichloroethene	6.534	95	49347	5.225	ug/L	98
35) Methylcyclohexane	6.753	83	69032	5.193	ug/L	98
37) 1,2-Dichloropropane	6.778	63	56449	5.668	ug/L	99
38) Bromodichloromethane	7.094	83	64449	5.469	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	71499	5.287	ug/L	96
40) 4-Methyl-2-pentanone	7.778	43	248222	46.280	ug/L	98
42) Toluene	7.958	91	211359	5.687	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	61332	5.561	ug/L	100
45) 1,1,2-Trichloroethane	8.389	97	40226	5.647	ug/L	97
47) Tetrachloroethene	8.544	164	37198	5.539	ug/L	98
48) 2-Hexanone	8.676	43	182270	47.416	ug/L	98
49) Dibromochloromethane	8.801	129	41899	5.495	ug/L	100
50) 1,2-Dibromoethane	8.917	107	34683	5.293	ug/L	96
51) Chlorobenzene	9.438	112	132984	5.606	ug/L	98
52) Ethylbenzene	9.563	91	217439	5.706	ug/L	100
53) m,p-Xylene	9.685	106	84264	5.919	ug/L	95
54) o-Xylene	10.090	106	78155	5.761	ug/L	98
55) Styrene	10.106	104	141092	6.105	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	51658	5.658	ug/L	97
59) Bromoform	10.283	173	23989	5.387	ug/L	96
60) Isopropylbenzene	10.476	105	216184	6.081	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	34133	5.626	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	166319	6.066	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	159021	6.041	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	106354	6.034	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	106612	6.030	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	97945	5.924	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	6676	5.764	ug/L	98
69) 1,3,5-Trichlorobenzene	13.212	180	72682	6.202	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	53691	5.809	ug/L	99
71) Naphthalene	14.084	128	67329	5.096	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	46429	5.521	ug/L	97

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

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