

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012025\
 Data File : VU062932.D
 Acq On : 20 Jan 2025 20:25
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005112

Quant Time: Jan 21 02:45:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 21 02:39:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	96028	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	75794	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	49781	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17380	3.268	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.400%
7) Chloroethane-d5	1.898	69	16662	3.895	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.800%
11) 1,1-Dichloroethene-d2	2.550	65	9978	3.622	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	4.602	46	61337	56.429	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.860%
24) Chloroform-d	5.049	84	61046	4.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.689	65	34031	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.714	84	92823	5.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.676	67	27640	5.381	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.600%
41) Toluene-d8	7.888	98	86468	4.790	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.171	79	11798	4.607	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.618	63	35396	43.952	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.900%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	26481	6.155	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.200%#
66) 1,2-Dichlorobenzene-d4	12.184	152	37175	4.489	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.377	85	43757	4.783	ug/L	97
3) Chloromethane	1.515	50	28129	4.582	ug/L	97
5) Vinyl chloride	1.599	62	30888	4.468	ug/L	98
6) Bromomethane	1.837	94	20125	4.001	ug/L	94
8) Chloroethane	1.917	64	18677	4.497	ug/L	98
9) Trichlorofluoromethane	2.126	101	60509	4.339	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	33503	4.973	ug/L	98
12) 1,1-Dichloroethene	2.567	96	29652	4.974	ug/L	91
13) Acetone	2.612	43	41028	47.647	ug/L	100
14) Carbon disulfide	2.779	76	81983	4.306	ug/L	96
15) Methyl Acetate	2.939	43	10088	5.411	ug/L	96
16) Methylene chloride	3.030	84	32502	4.977	ug/L	99
17) Methyl tert-butyl Ether	3.348	73	85557	5.222	ug/L	100
18) trans-1,2-Dichloroethene	3.338	96	30989	4.852	ug/L	99
19) 1,1-Dichloroethane	3.849	63	57304	5.018	ug/L	98
21) 2-Butanone	4.685	43	60474	52.733	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	34384	4.944	ug/L	95
23) Bromochloromethane	4.959	128	15941	4.855	ug/L	96
25) Chloroform	5.071	83	70352	5.006	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	47801	5.202	ug/L	98
29) 1,1,1-Trichloroethane	5.300	97	69909	6.081	ug/L	98
30) Cyclohexane	5.373	56	42301	5.634	ug/L	96
31) Carbon tetrachloride	5.512	117	63194	5.981	ug/L	100
33) Benzene	5.759	78	126721	5.819	ug/L	100
34) Trichloroethene	6.531	95	37805	5.082	ug/L	97
35) Methylcyclohexane	6.750	83	49653	5.425	ug/L	98
37) 1,2-Dichloropropane	6.779	63	31697	6.170	ug/L	99
38) Bromodichloromethane	7.094	83	49619	6.006	ug/L	98
39) cis-1,3-Dichloropropene	7.595	75	52206	5.969	ug/L	100
40) 4-Methyl-2-pentanone	7.775	43	150314	62.640	ug/L	99
42) Toluene	7.959	91	134814	5.650	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	42037	5.575	ug/L	99
45) 1,1,2-Trichloroethane	8.386	97	20883	5.005	ug/L	94
47) Tetrachloroethene	8.541	164	26113	5.097	ug/L	98
48) 2-Hexanone	8.669	43	74082	42.942	ug/L	96
49) Dibromochloromethane	8.798	129	30410	5.429	ug/L	97
50) 1,2-Dibromoethane	8.914	107	20385	5.107	ug/L	99
51) Chlorobenzene	9.438	112	77589	4.972	ug/L	99
52) Ethylbenzene	9.560	91	133562	4.932	ug/L	99
53) m,p-Xylene	9.682	106	51750	5.110	ug/L	99
54) o-Xylene	10.090	106	54140	5.581	ug/L	98
55) Styrene	10.103	104	91182	5.619	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.769	83	29471	6.297	ug/L #	94
59) Bromoform	10.277	173	21092	4.857	ug/L	97
60) Isopropylbenzene	10.473	105	168571	4.914	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	22411	5.075	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	147573	5.061	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	140635	4.986	ug/L	99
64) 1,3-Dichlorobenzene	11.733	146	78203	4.917	ug/L	97
65) 1,4-Dichlorobenzene	11.827	146	75347	4.698	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	71918	4.825	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	5632	4.924	ug/L	88
69) 1,3,5-Trichlorobenzene	13.209	180	55399	4.625	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	39396	4.084	ug/L	99
71) Naphthalene	14.081	128	49902	3.535	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	35443	4.215	ug/L	95

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

