

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062858.D
 Acq On : 17 Jan 2025 09:14
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005108

Quant Time: Jan 17 21:50:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 23:11:57 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	97381	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	89402	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	47542	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19090	3.540	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.895	69	17410	4.013	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.554	65	10864	3.888	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	4.602	46	49661	45.052	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.100%
24) Chloroform-d	5.049	84	58261	4.391	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.689	65	31788	4.417	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.714	84	92491	4.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.676	67	25481	4.205	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.888	98	90075	4.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.171	79	12774	4.229	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.621	63	42750	45.003	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.000%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	23457	4.623	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	33768	4.269	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	43648	4.705	ug/L	99
3) Chloromethane	1.515	50	24687	3.965	ug/L	98
5) Vinyl chloride	1.599	62	29231	4.170	ug/L	100
6) Bromomethane	1.833	94	17819	3.494	ug/L	94
8) Chloroethane	1.917	64	18895	4.486	ug/L	100
9) Trichlorofluoromethane	2.126	101	66600	4.710	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	32262	4.722	ug/L	98
12) 1,1-Dichloroethene	2.567	96	28544	4.722	ug/L	95
13) Acetone	2.612	43	38445	44.027	ug/L	98
14) Carbon disulfide	2.779	76	79857	4.136	ug/L	99
15) Methyl Acetate	2.936	43	8562	4.528	ug/L	93
16) Methylene chloride	3.030	84	31202	4.712	ug/L	99
17) Methyl tert-butyl Ether	3.348	73	81280	4.892	ug/L	100
18) trans-1,2-Dichloroethene	3.338	96	30131	4.652	ug/L	96
19) 1,1-Dichloroethane	3.849	63	53343	4.607	ug/L	97
21) 2-Butanone	4.682	43	54037	46.466	ug/L	96
22) cis-1,2-Dichloroethene	4.653	96	33644	4.770	ug/L	97
23) Bromochloromethane	4.959	128	15772	4.737	ug/L	92
25) Chloroform	5.071	83	67100	4.709	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	46027	4.939	ug/L	99
29) 1,1,1-Trichloroethane	5.300	97	66427	4.898	ug/L	100
30) Cyclohexane	5.373	56	39254	4.433	ug/L	92
31) Carbon tetrachloride	5.512	117	62819	5.041	ug/L	97
33) Benzene	5.759	78	119379	4.648	ug/L	100
34) Trichloroethene	6.531	95	35887	4.090	ug/L	99
35) Methylcyclohexane	6.750	83	47587	4.408	ug/L	97
37) 1,2-Dichloropropane	6.779	63	28098	4.637	ug/L #	95
38) Bromodichloromethane	7.094	83	48060	4.932	ug/L	97
39) cis-1,3-Dichloropropene	7.595	75	47051	4.561	ug/L	99
40) 4-Methyl-2-pentanone	7.775	43	137736	48.662	ug/L	98
42) Toluene	7.959	91	135577	4.817	ug/L	99
44) trans-1,3-Dichloropropene	8.197	75	43349	4.874	ug/L	97
45) 1,1,2-Trichloroethane	8.386	97	24106	4.898	ug/L	93
47) Tetrachloroethene	8.544	164	30046	4.972	ug/L	95
48) 2-Hexanone	8.672	43	93841	46.116	ug/L	98
49) Dibromochloromethane	8.798	129	33821	5.119	ug/L	96
50) 1,2-Dibromoethane	8.914	107	23930	5.083	ug/L	100
51) Chlorobenzene	9.438	112	90246	4.903	ug/L	98
52) Ethylbenzene	9.560	91	156087	4.887	ug/L	98
53) m,p-Xylene	9.682	106	59582	4.988	ug/L	99
54) o-Xylene	10.090	106	57170	4.997	ug/L	97
55) Styrene	10.103	104	95195	4.974	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	27372	4.958	ug/L #	97
59) Bromoform	10.280	173	20490	4.941	ug/L	98
60) Isopropylbenzene	10.473	105	164461	5.020	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	20837	4.941	ug/L	96
62) 1,3,5-Trimethylbenzene	11.077	105	142925	5.133	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	137141	5.091	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	76120	5.012	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	74769	4.882	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	71159	4.999	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5278	4.832	ug/L	94
69) 1,3,5-Trichlorobenzene	13.209	180	54420	4.757	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	38328	4.160	ug/L	98
71) Naphthalene	14.081	128	48595	3.605	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	33149	4.128	ug/L	94

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

