

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062884.D
 Acq On : 17 Jan 2025 20:18
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005109

Quant Time: Jan 17 23:38:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 17 21:53:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	89523	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	83709	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	46083	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	21103	4.256	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.891	69	18786	4.710	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.551	65	11589	4.512	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	4.605	46	61583	60.772	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.540%
24) Chloroform-d	5.046	84	63816	5.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.685	65	36022	5.444	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.800%
32) Benzene-d6	5.711	84	101894	4.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.679	67	29038	5.118	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.888	98	98522	4.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	8.171	79	15063	5.326	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.600%
46) 2-Hexanone-d5	8.618	63	53991	60.702	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.400%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	28342	5.965	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	41339	5.392	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	43125	5.057	ug/L	98
3) Chloromethane	1.515	50	24729	4.321	ug/L	100
5) Vinyl chloride	1.599	62	29159	4.525	ug/L	94
6) Bromomethane	1.830	94	15325	3.268	ug/L	95
8) Chloroethane	1.914	64	19084	4.929	ug/L	97
9) Trichlorofluoromethane	2.123	101	68089	5.237	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	31797	5.062	ug/L	98
12) 1,1-Dichloroethene	2.567	96	28114	5.059	ug/L	89
13) Acetone	2.612	43	43329	53.976	ug/L	100
14) Carbon disulfide	2.776	76	78648	4.431	ug/L	100
15) Methyl Acetate	2.940	43	9944	5.721	ug/L	95
16) Methylene chloride	3.030	84	31806	5.225	ug/L	94
17) Methyl tert-butyl Ether	3.348	73	85637	5.607	ug/L	98
18) trans-1,2-Dichloroethene	3.338	96	29074	4.883	ug/L	96
19) 1,1-Dichloroethane	3.850	63	53803	5.054	ug/L	95
21) 2-Butanone	4.686	43	61706	57.717	ug/L	96
22) cis-1,2-Dichloroethene	4.653	96	34077	5.256	ug/L	96
23) Bromochloromethane	4.959	128	15938	5.207	ug/L	96
25) Chloroform	5.071	83	67649	5.164	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	47734	5.572	ug/L	99
29) 1,1,1-Trichloroethane	5.300	97	68011	5.356	ug/L	98
30) Cyclohexane	5.370	56	39950	4.818	ug/L	98
31) Carbon tetrachloride	5.509	117	60281	5.166	ug/L	99
33) Benzene	5.759	78	122583	5.097	ug/L	100
34) Trichloroethene	6.531	95	35535	4.325	ug/L	98
35) Methylcyclohexane	6.750	83	48447	4.792	ug/L	97
37) 1,2-Dichloropropane	6.775	63	29226	5.151	ug/L	100
38) Bromodichloromethane	7.094	83	49933	5.473	ug/L	100
39) cis-1,3-Dichloropropene	7.595	75	49255	5.099	ug/L	99
40) 4-Methyl-2-pentanone	7.775	43	154541	58.312	ug/L	99
42) Toluene	7.959	91	137603	5.221	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	45150	5.422	ug/L	96
45) 1,1,2-Trichloroethane	8.386	97	25782	5.595	ug/L	97
47) Tetrachloroethene	8.544	164	29062	5.136	ug/L	92
48) 2-Hexanone	8.672	43	115082	60.400	ug/L	96
49) Dibromochloromethane	8.798	129	34942	5.648	ug/L	98
50) 1,2-Dibromoethane	8.910	107	25317	5.743	ug/L #	100
51) Chlorobenzene	9.438	112	89735	5.207	ug/L	98
52) Ethylbenzene	9.560	91	153871	5.145	ug/L	97
53) m,p-Xylene	9.682	106	58932	5.269	ug/L	99
54) o-Xylene	10.090	106	58225	5.435	ug/L	96
55) Styrene	10.103	104	99159	5.533	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	31396	6.074	ug/L #	95
59) Bromoform	10.280	173	22517	5.602	ug/L	96
60) Isopropylbenzene	10.473	105	160446	5.052	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	22951	5.615	ug/L	97
62) 1,3,5-Trimethylbenzene	11.078	105	140770	5.215	ug/L	98
63) 1,2,4-Trimethylbenzene	11.457	105	135465	5.188	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	76122	5.170	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	75954	5.116	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	72787	5.275	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	6211	5.866	ug/L	91
69) 1,3,5-Trichlorobenzene	13.209	180	55445	5.000	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	41172	4.610	ug/L	98
71) Naphthalene	14.081	128	56001	4.286	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	34862	4.478	ug/L	97

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

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