

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062905.D
 Acq On : 18 Jan 2025 05:21
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005110

Quant Time: Jan 18 05:37:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 17 23:41:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	93199	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	87786	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	46444	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22611	4.381	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.898	69	20615	4.965	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.554	65	12148	4.543	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	4.605	46	60791	57.624	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.240%
24) Chloroform-d	5.049	84	66453	5.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.689	65	37326	5.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.400%
32) Benzene-d6	5.714	84	108459	5.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.679	67	30925	5.198	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.000%
41) Toluene-d8	7.888	98	102091	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	8.171	79	14315	4.827	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.618	63	52270	56.038	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.080%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	26580	5.334	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	12.180	152	40622	5.257	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.377	85	41919	4.721	ug/L	98
3) Chloromethane	1.515	50	25743	4.320	ug/L	98
5) Vinyl chloride	1.599	62	29269	4.363	ug/L	94
6) Bromomethane	1.837	94	15302	3.135	ug/L	91
8) Chloroethane	1.917	64	19212	4.766	ug/L	94
9) Trichlorofluoromethane	2.126	101	66258	4.896	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.566	101	30786	4.708	ug/L	99
12) 1,1-Dichloroethene	2.566	96	28756	4.970	ug/L	97
13) Acetone	2.611	43	40645	48.635	ug/L	99
14) Carbon disulfide	2.779	76	78509	4.248	ug/L	99
15) Methyl Acetate	2.939	43	9222	5.096	ug/L	94
16) Methylene chloride	3.029	84	29698	4.686	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	81385	5.118	ug/L	99
18) trans-1,2-Dichloroethene	3.338	96	29516	4.762	ug/L	97
19) 1,1-Dichloroethane	3.853	63	52420	4.730	ug/L	96
21) 2-Butanone	4.685	43	57911	52.031	ug/L	100
22) cis-1,2-Dichloroethene	4.650	96	34346	5.088	ug/L	97
23) Bromochloromethane	4.959	128	16542	5.191	ug/L	87
25) Chloroform	5.071	83	66838	4.901	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	44396	4.978	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	72334	5.432	ug/L	99
30) Cyclohexane	5.373	56	39759	4.572	ug/L	98
31) Carbon tetrachloride	5.508	117	61192	5.000	ug/L	96
33) Benzene	5.759	78	120772	4.788	ug/L	100
34) Trichloroethene	6.531	95	35383	4.107	ug/L	97
35) Methylcyclohexane	6.753	83	47055	4.438	ug/L	97
37) 1,2-Dichloropropane	6.778	63	29135	4.897	ug/L	98
38) Bromodichloromethane	7.094	83	47383	4.952	ug/L	95
39) cis-1,3-Dichloropropene	7.595	75	48274	4.765	ug/L	100
40) 4-Methyl-2-pentanone	7.775	43	143925	51.784	ug/L	99
42) Toluene	7.958	91	136083	4.924	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	42690	4.888	ug/L	98
45) 1,1,2-Trichloroethane	8.386	97	24869	5.146	ug/L	94
47) Tetrachloroethene	8.540	164	28239	4.759	ug/L	95
48) 2-Hexanone	8.669	43	102185	51.140	ug/L	99
49) Dibromochloromethane	8.798	129	33480	5.160	ug/L	100
50) 1,2-Dibromoethane	8.910	107	24100	5.213	ug/L	99
51) Chlorobenzene	9.434	112	88735	4.910	ug/L	100
52) Ethylbenzene	9.560	91	153422	4.892	ug/L	99
53) m,p-Xylene	9.682	106	58094	4.953	ug/L	100
54) o-Xylene	10.090	106	56844	5.060	ug/L	99
55) Styrene	10.103	104	94578	5.033	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.769	83	27737	5.117	ug/L	94
59) Bromoform	10.280	173	20581	5.080	ug/L	97
60) Isopropylbenzene	10.473	105	157839	4.932	ug/L	99
61) 1,2,3-Trichloropropane	10.810	75	21443	5.205	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	138240	5.082	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	133158	5.060	ug/L	99
64) 1,3-Dichlorobenzene	11.733	146	72928	4.915	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	71863	4.803	ug/L	99
67) 1,2-Dichlorobenzene	12.200	146	69655	5.009	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	5109	4.788	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.209	180	53398	4.778	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	38498	4.277	ug/L	98
71) Naphthalene	14.080	128	53031	4.027	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	34926	4.452	ug/L	97

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

