

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057290.D
 Acq On : 27 Dec 2023 19:26
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005112

Quant Time: Dec 28 00:39:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 00:31:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	274288	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	263843	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	130648	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	126203	5.352	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 107.000%		
7) Chloroethane-d5	1.911	69	99551	5.256	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 105.200%		
11) 1,1-Dichloroethene-d2	2.560	65	46749	4.981	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 99.600%		
20) 2-Butanone-d5	4.637	46	293575	54.970	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 109.940%		
24) Chloroform-d	5.055	84	222559	5.308	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.200%		
26) 1,2-Dichloroethane-d4	5.692	65	113039	5.275	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.600%		
32) Benzene-d6	5.721	84	414946	5.517	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 110.400%		
36) 1,2-Dichloropropane-d6	6.682	67	131892	5.596	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 112.000%		
41) Toluene-d8	7.891	98	363180	5.597	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.000%		
43) trans-1,3-Dichloroprop...	8.174	79	53875	5.697	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 114.000%		
46) 2-Hexanone-d5	8.631	63	249562	58.268	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 116.540%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	109504	5.532	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 110.600%		
66) 1,2-Dichlorobenzene-d4	12.187	152	127599	5.364	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 107.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	94031	4.723	ug/L	100
3) Chloromethane	1.518	50	99976	4.528	ug/L	98
5) Vinyl chloride	1.602	62	111160	4.855	ug/L	98
6) Bromomethane	1.856	94	56842	5.264	ug/L	96
8) Chloroethane	1.933	64	67253	4.531	ug/L	97
9) Trichlorofluoromethane	2.136	101	153427	4.651	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	95388	4.781	ug/L	98
12) 1,1-Dichloroethene	2.573	96	85759	4.784	ug/L	96
13) Acetone	2.660	43	144212	41.431	ug/L	96
14) Carbon disulfide	2.788	76	239410	4.683	ug/L	98
15) Methyl Acetate	2.956	43	38481	4.855	ug/L	95
16) Methylene chloride	3.039	84	100681	4.352	ug/L	99
17) Methyl tert-butyl Ether	3.358	73	226199	4.998	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	85283	4.794	ug/L	99
19) 1,1-Dichloroethane	3.859	63	177052	4.736	ug/L	97
21) 2-Butanone	4.718	43	236488	47.569	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	97488	4.741	ug/L	98
23) Bromochloromethane	4.968	128	45315	4.930	ug/L	98
25) Chloroform	5.078	83	187382	4.752	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	116205	4.703	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	164731	4.929	ug/L	99
30) Cyclohexane	5.380	56	130193	5.223	ug/L	98
31) Carbon tetrachloride	5.518	117	136799	4.880	ug/L	100
33) Benzene	5.766	78	376806	4.958	ug/L	100
34) Trichloroethene	6.534	95	102298	5.051	ug/L	92
35) Methylcyclohexane	6.756	83	133940	5.063	ug/L	99
37) 1,2-Dichloropropane	6.785	63	103385	4.889	ug/L	99
38) Bromodichloromethane	7.100	83	134069	4.915	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	148885	5.149	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	563930	52.337	ug/L	99
42) Toluene	7.962	91	400456	4.893	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	129653	5.142	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	76905	4.993	ug/L	99
47) Tetrachloroethene	8.547	164	71043	4.964	ug/L	97
48) 2-Hexanone	8.679	43	425980	53.621	ug/L	99
49) Dibromochloromethane	8.804	129	86738	4.945	ug/L	99
50) 1,2-Dibromoethane	8.917	107	70739	5.117	ug/L	100
51) Chlorobenzene	9.441	112	251519	5.056	ug/L	98
52) Ethylbenzene	9.563	91	424397	5.197	ug/L	99
53) m,p-Xylene	9.689	106	159412	5.126	ug/L	98
54) o-Xylene	10.094	106	154141	5.214	ug/L	99
55) Styrene	10.110	104	265810	5.340	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.775	83	94899	4.980	ug/L	93
59) Bromoform	10.287	173	49120	4.801	ug/L	99
60) Isopropylbenzene	10.479	105	417160	5.207	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	67157	4.923	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	322567	5.144	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	330335	5.299	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	198578	5.157	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	197174	5.031	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	184735	4.991	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	14567	4.856	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	139015	5.042	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	112528	5.144	ug/L	100
71) Naphthalene	14.081	128	187394	5.480	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	101959	5.347	ug/L	98

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

