

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056777.D
 Acq On : 12 Dec 2023 10:38
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005197

Quant Time: Dec 13 00:24:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 02:01:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	276913	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	267472	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	126881	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	105075	4.427	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.907	69	78582	4.424	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.563	65	48199	4.746	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	4.618	46	210777	44.966	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.940%
24) Chloroform-d	5.058	84	215133	4.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.695	65	96683	4.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.721	84	408232	4.921	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.685	67	125083	4.817	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.894	98	361970	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	8.177	79	45973	4.565	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.627	63	177972	46.859	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.720%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	90242	4.803	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	116008	4.651	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	134721	4.643	ug/L	98
3) Chloromethane	1.518	50	132661	4.650	ug/L	99
5) Vinyl chloride	1.602	62	135907	4.797	ug/L	98
6) Bromomethane	1.853	94	70225	4.204	ug/L	94
8) Chloroethane	1.930	64	78402	4.724	ug/L	97
9) Trichlorofluoromethane	2.136	101	190839	4.779	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	118034	4.819	ug/L	98
12) 1,1-Dichloroethene	2.576	96	105567	4.696	ug/L	96
13) Acetone	2.628	43	123135	43.105	ug/L	99
14) Carbon disulfide	2.792	76	357962	4.589	ug/L	99
15) Methyl Acetate	2.946	43	33888	4.358	ug/L	96
16) Methylene chloride	3.039	84	118756	4.849	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	234867	4.711	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	110408	4.844	ug/L	94
19) 1,1-Dichloroethane	3.862	63	208866	4.764	ug/L	100
21) 2-Butanone	4.698	43	211522	43.908	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	117854	4.753	ug/L	100
23) Bromochloromethane	4.968	128	48991	4.719	ug/L	97
25) Chloroform	5.081	83	215731	4.697	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	123391	4.542	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	191942	4.964	ug/L	99
30) Cyclohexane	5.383	56	183119	5.046	ug/L	100
31) Carbon tetrachloride	5.521	117	164495	4.895	ug/L	99
33) Benzene	5.769	78	469232	4.992	ug/L	100
34) Trichloroethene	6.537	95	124443	4.826	ug/L	99
35) Methylcyclohexane	6.759	83	187758	4.934	ug/L	99
37) 1,2-Dichloropropane	6.785	63	119418	4.966	ug/L	98
38) Bromodichloromethane	7.100	83	148108	4.830	ug/L	97
39) cis-1,3-Dichloropropene	7.605	75	169183	4.827	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	533862	46.756	ug/L	99
42) Toluene	7.965	91	490365	5.042	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	133676	4.654	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	78333	4.819	ug/L	96
47) Tetrachloroethene	8.550	164	88863	4.924	ug/L	98
48) 2-Hexanone	8.679	43	389532	47.900	ug/L	99
49) Dibromochloromethane	8.804	129	87962	4.707	ug/L	97
50) 1,2-Dibromoethane	8.920	107	71281	4.725	ug/L	99
51) Chlorobenzene	9.444	112	298938	4.822	ug/L	99
52) Ethylbenzene	9.566	91	532360	4.962	ug/L	99
53) m,p-Xylene	9.692	106	200081	5.005	ug/L	99
54) o-Xylene	10.097	106	191071	5.017	ug/L	99
55) Styrene	10.113	104	316055	5.054	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	89372	4.551	ug/L	99
59) Bromoform	10.286	173	48184	4.651	ug/L	97
60) Isopropylbenzene	10.479	105	514353	5.131	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	63902	4.691	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	417391	5.094	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	423733	5.207	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	227174	4.791	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	222741	4.770	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	203351	4.707	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.990	75	12244	4.502	ug/L	99
69) 1,3,5-Trichlorobenzene	13.216	180	167853	4.685	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	127143	4.481	ug/L	98
71) Naphthalene	14.084	128	163785	3.944	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	99725	4.140	ug/L	96

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

