

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056915.D
 Acq On : 16 Dec 2023 06:08
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005086

Quant Time: Dec 16 06:25:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	242814	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	244474	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	121969	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	64768	3.112	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.200%
7) Chloroethane-d5	1.911	69	56487	3.627	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.600%
11) 1,1-Dichloroethene-d2	2.563	65	29390	3.300	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.000%
20) 2-Butanone-d5	4.621	46	229658	55.874	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.740%
24) Chloroform-d	5.055	84	176609	4.481	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.695	65	84184	4.514	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.721	84	298345	3.934	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	6.685	67	97822	4.122	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.400%
41) Toluene-d8	7.891	98	248001	3.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	8.174	79	35072	3.810	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.627	63	189840	54.686	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.380%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	85260	4.965	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	99691	4.158	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	127649	5.017	ug/L	98
3) Chloromethane	1.515	50	136702	5.464	ug/L	97
5) Vinyl chloride	1.602	62	132827	5.346	ug/L	98
6) Bromomethane	1.853	94	70227	4.794	ug/L	93
8) Chloroethane	1.930	64	73019	5.017	ug/L	99
9) Trichlorofluoromethane	2.136	101	184073	5.257	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	110506	5.146	ug/L	96
12) 1,1-Dichloroethene	2.576	96	103386	5.244	ug/L	86
13) Acetone	2.631	43	125003	49.904	ug/L	99
14) Carbon disulfide	2.788	76	338065	4.943	ug/L	98
15) Methyl Acetate	2.946	43	34599	5.074	ug/L	96
16) Methylene chloride	3.039	84	115329	5.370	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	225795	5.166	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	104822	5.244	ug/L	97
19) 1,1-Dichloroethane	3.862	63	205714	5.351	ug/L	98
21) 2-Butanone	4.701	43	212973	50.417	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	117600	5.408	ug/L	98
23) Bromochloromethane	4.968	128	49186	5.403	ug/L	98
25) Chloroform	5.081	83	213978	5.313	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056915.D
 Acq On : 16 Dec 2023 06:08
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005086

Quant Time: Dec 16 06:25:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	123531	5.186	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	188711	5.340	ug/L	98
30) Cyclohexane	5.383	56	163246	4.922	ug/L	100
31) Carbon tetrachloride	5.518	117	160162	5.214	ug/L	99
33) Benzene	5.766	78	460859	5.364	ug/L	100
34) Trichloroethene	6.537	95	121323	5.148	ug/L	99
35) Methylcyclohexane	6.756	83	165844	4.768	ug/L	99
37) 1,2-Dichloropropane	6.785	63	117391	5.341	ug/L	100
38) Bromodichloromethane	7.100	83	146078	5.212	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	155907	4.867	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	535886	51.348	ug/L	100
42) Toluene	7.965	91	475704	5.351	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	129904	4.948	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	79791	5.370	ug/L	97
47) Tetrachloroethene	8.547	164	84546	5.126	ug/L	98
48) 2-Hexanone	8.679	43	397713	53.507	ug/L	100
49) Dibromochloromethane	8.801	129	88954	5.208	ug/L	97
50) 1,2-Dibromoethane	8.917	107	73586	5.336	ug/L	98
51) Chlorobenzene	9.441	112	292877	5.169	ug/L	98
52) Ethylbenzene	9.566	91	502654	5.126	ug/L	98
53) m,p-Xylene	9.688	106	192803	5.277	ug/L	93
54) o-Xylene	10.097	106	183503	5.272	ug/L	99
55) Styrene	10.110	104	315960	5.528	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	94145	5.245	ug/L	100
59) Bromoform	10.283	173	50205	5.041	ug/L	99
60) Isopropylbenzene	10.479	105	490434	5.089	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	66014	5.041	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	381373	4.842	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	385262	4.925	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	227162	4.983	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	220751	4.918	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	202563	4.878	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	13215	5.054	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	147334	4.278	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	107489	3.941	ug/L	98
71) Naphthalene	14.084	128	140405	3.518	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	88915	3.840	ug/L	100

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

