

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112823\
 Data File : VU056632.D
 Acq On : 28 Nov 2023 16:19
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005180

Quant Time: Nov 28 23:51:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 28 23:48:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	257378	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	261050	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	133459	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	95719	4.972	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.910	69	74519	5.049	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	2.563	65	43614	5.134	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.600%
20) 2-Butanone-d5	4.618	46	244945	63.810	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.620%
24) Chloroform-d	5.055	84	205396	5.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.400%
26) 1,2-Dichloroethane-d4	5.695	65	99983	5.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.200%
32) Benzene-d6	5.721	84	380692	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.685	67	117645	5.019	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.894	98	335721	4.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	8.174	79	45990	5.116	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.400%
46) 2-Hexanone-d5	8.627	63	202347	57.274	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.540%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	95754	5.717	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	119824	4.860	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	91124	4.468	ug/L	97
3) Chloromethane	1.515	50	94636	4.541	ug/L	96
5) Vinyl chloride	1.602	62	97646	4.863	ug/L	94
6) Bromomethane	1.856	94	49736	4.894	ug/L	97
8) Chloroethane	1.930	64	60484	4.931	ug/L	96
9) Trichlorofluoromethane	2.136	101	159244	5.504	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	94011	5.473	ug/L	99
12) 1,1-Dichloroethene	2.576	96	83566	5.304	ug/L	97
13) Acetone	2.631	43	157298	48.112	ug/L	98
14) Carbon disulfide	2.788	76	212608	4.147	ug/L	97
15) Methyl Acetate	2.949	43	33705	5.793	ug/L	98
16) Methylene chloride	3.042	84	105669	5.068	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	226416	5.915	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	84786	5.230	ug/L	98
19) 1,1-Dichloroethane	3.862	63	187027	5.824	ug/L	97
21) 2-Butanone	4.698	43	228861	53.946	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	102214	5.560	ug/L	97
23) Bromochloromethane	4.968	128	44518	5.883	ug/L	94
25) Chloroform	5.081	83	203457	5.848	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112823\
 Data File : VU056632.D
 Acq On : 28 Nov 2023 16:19
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005180

Quant Time: Nov 28 23:51:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 28 23:48:06 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	114142	5.778	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	167938	5.604	ug/L	99
30) Cyclohexane	5.383	56	127171	4.471	ug/L	98
31) Carbon tetrachloride	5.518	117	138254	5.372	ug/L	99
33) Benzene	5.769	78	396016	5.317	ug/L	100
34) Trichloroethene	6.537	95	106459	5.246	ug/L	98
35) Methylcyclohexane	6.756	83	134715	4.598	ug/L	100
37) 1,2-Dichloropropane	6.785	63	104434	5.376	ug/L	100
38) Bromodichloromethane	7.100	83	140663	5.609	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	152746	5.351	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	549004	57.016	ug/L	99
42) Toluene	7.965	91	420041	5.447	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	128890	5.664	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	78963	6.104	ug/L	97
47) Tetrachloroethene	8.550	164	73803	5.393	ug/L	97
48) 2-Hexanone	8.679	43	397308	52.965	ug/L	99
49) Dibromochloromethane	8.804	129	85647	5.822	ug/L	98
50) 1,2-Dibromoethane	8.917	107	67573	5.533	ug/L	98
51) Chlorobenzene	9.441	112	276735	5.585	ug/L	98
52) Ethylbenzene	9.566	91	466630	5.449	ug/L	100
53) m,p-Xylene	9.688	106	177209	5.629	ug/L	100
54) o-Xylene	10.097	106	168269	5.503	ug/L	96
55) Styrene	10.109	104	291034	5.722	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	90957	5.758	ug/L #	98
59) Bromoform	10.283	173	49054	5.901	ug/L	97
60) Isopropylbenzene	10.479	105	461437	5.361	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	64464	5.630	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	371842	5.262	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	374001	5.362	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	216845	5.539	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	209909	5.345	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	196101	5.460	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	13023	5.324	ug/L	86
69) 1,3,5-Trichlorobenzene	13.212	180	157864	5.355	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	121847	5.075	ug/L	99
71) Naphthalene	14.084	128	168434	4.643	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	102183	5.167	ug/L	97

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

