

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111023\
 Data File : VU056202.D
 Acq On : 11 Nov 2023 04:40
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005145

Quant Time: Nov 11 05:02:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 00:40:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	374475	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	362817	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	189880	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	96709	4.161	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.911	69	72397	4.590	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.563	65	43513	4.249	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	4.624	46	206725	54.212	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.420%
24) Chloroform-d	5.058	84	207418	4.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.698	65	91559	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.721	84	407055	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.685	67	123926	4.831	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.894	98	373914	4.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	8.177	79	46021	4.694	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.627	63	195894	60.956	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.920%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	95432	5.213	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	133958	4.575	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	153736	4.841	ug/L	100
3) Chloromethane	1.518	50	158272	5.320	ug/L	98
5) Vinyl chloride	1.602	62	152786	4.964	ug/L	100
6) Bromomethane	1.856	94	77078	4.360	ug/L	99
8) Chloroethane	1.930	64	85663	5.134	ug/L	96
9) Trichlorofluoromethane	2.136	101	209908	5.157	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	132088	5.094	ug/L	98
12) 1,1-Dichloroethene	2.576	96	126341	5.249	ug/L	94
13) Acetone	2.634	43	146167	51.976	ug/L	98
14) Carbon disulfide	2.788	76	401730	4.898	ug/L	99
15) Methyl Acetate	2.949	43	40228	5.070	ug/L	98
16) Methylene chloride	3.039	84	141121	5.113	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	281744	5.196	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	132156	5.182	ug/L	96
19) 1,1-Dichloroethane	3.862	63	240543	5.170	ug/L	97
21) 2-Butanone	4.701	43	252370	54.415	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	145604	5.289	ug/L	96
23) Bromochloromethane	4.968	128	64099	5.247	ug/L	98
25) Chloroform	5.081	83	255434	5.153	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111023\
 Data File : VU056202.D
 Acq On : 11 Nov 2023 04:40
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005145

Quant Time: Nov 11 05:02:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 00:40:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	139936	4.987	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	216536	5.210	ug/L	99
30) Cyclohexane	5.383	56	199451	5.136	ug/L	99
31) Carbon tetrachloride	5.518	117	193214	5.235	ug/L	99
33) Benzene	5.769	78	556367	5.355	ug/L	100
34) Trichloroethene	6.537	95	153967	5.426	ug/L	97
35) Methylcyclohexane	6.759	83	209236	4.961	ug/L	99
37) 1,2-Dichloropropane	6.785	63	138881	5.141	ug/L	100
38) Bromodichloromethane	7.100	83	177375	5.258	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	198027	5.194	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	652309	55.201	ug/L	99
42) Toluene	7.965	91	597246	5.453	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	154534	5.006	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	100176	5.424	ug/L	98
47) Tetrachloroethene	8.547	164	111381	5.230	ug/L	96
48) 2-Hexanone	8.679	43	475372	55.252	ug/L	99
49) Dibromochloromethane	8.804	129	114036	5.381	ug/L	100
50) 1,2-Dibromoethane	8.920	107	92322	5.350	ug/L	98
51) Chlorobenzene	9.441	112	370563	5.244	ug/L	100
52) Ethylbenzene	9.566	91	644042	5.396	ug/L	99
53) m,p-Xylene	9.688	106	248913	5.484	ug/L	97
54) o-Xylene	10.097	106	236128	5.427	ug/L	99
55) Styrene	10.110	104	407455	5.724	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	119359	5.500	ug/L	98
59) Bromoform	10.286	173	66335	5.030	ug/L	99
60) Isopropylbenzene	10.479	105	635486	5.162	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	83261	5.080	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	510137	5.109	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	518136	5.290	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	304450	5.222	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	299371	5.193	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	278020	5.174	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	17738	5.131	ug/L	92
69) 1,3,5-Trichlorobenzene	13.216	180	223915	5.128	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	184628	5.329	ug/L	99
71) Naphthalene	14.081	128	274849	5.349	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	158863	5.230	ug/L	100

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

