

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111623\
 Data File : VU056395.D
 Acq On : 16 Nov 2023 09:10
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005159

Quant Time: Nov 17 01:24:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 16 05:41:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	292160	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	272648	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	137995	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	82036	3.754	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.908	69	64141	3.828	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.560	65	39319	4.077	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	4.625	46	210956	48.413	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.820%
24) Chloroform-d	5.056	84	200844	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.695	65	94472	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.721	84	382998	4.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.686	67	118135	4.825	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.895	98	325607	4.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.178	79	44172	4.704	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.634	63	194720	52.771	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.540%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	88995	5.087	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	117440	4.607	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.384	85	121652	5.255	ug/L	99
3) Chloromethane	1.519	50	115460	4.881	ug/L	99
5) Vinyl chloride	1.602	62	109795	4.817	ug/L	95
6) Bromomethane	1.856	94	56615	4.908	ug/L	95
8) Chloroethane	1.930	64	65247	4.686	ug/L	98
9) Trichlorofluoromethane	2.133	101	184772	5.626	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.577	101	109309	5.606	ug/L	99
12) 1,1-Dichloroethene	2.573	96	94627	5.291	ug/L	96
13) Acetone	2.631	43	184040	49.590	ug/L	99
14) Carbon disulfide	2.789	76	278285	4.782	ug/L	98
15) Methyl Acetate	2.950	43	32680	4.948	ug/L	98
16) Methylene chloride	3.040	84	105276	4.448	ug/L	96
17) Methyl tert-butyl Ether	3.355	73	229264	5.276	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	96488	5.244	ug/L	96
19) 1,1-Dichloroethane	3.863	63	194786	5.344	ug/L	97
21) 2-Butanone	4.702	43	235226	48.846	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	108321	5.191	ug/L	98
23) Bromochloromethane	4.969	128	48869	5.689	ug/L	94
25) Chloroform	5.081	83	219914	5.569	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111623\
 Data File : VU056395.D
 Acq On : 16 Nov 2023 09:10
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005159

Quant Time: Nov 17 01:24:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 16 05:41:06 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.789	62	123512	5.508	ug/L	96
29) 1,1,1-Trichloroethane	5.310	97	187586	5.994	ug/L	100
30) Cyclohexane	5.383	56	164242	5.529	ug/L	100
31) Carbon tetrachloride	5.519	117	159132	5.920	ug/L	95
33) Benzene	5.769	78	451543	5.804	ug/L	100
34) Trichloroethene	6.538	95	120735	5.696	ug/L	96
35) Methylcyclohexane	6.760	83	174799	5.712	ug/L	99
37) 1,2-Dichloropropane	6.785	63	117984	5.816	ug/L	99
38) Bromodichloromethane	7.100	83	146811	5.605	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	164874	5.531	ug/L	100
40) 4-Methyl-2-pentanone	7.789	43	553713	55.059	ug/L	98
42) Toluene	7.965	91	451744	5.609	ug/L	99
44) trans-1,3-Dichloropropene	8.207	75	129795	5.462	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	76922	5.693	ug/L	94
47) Tetrachloroethene	8.547	164	80721	5.648	ug/L	99
48) 2-Hexanone	8.686	43	435899	55.637	ug/L	99
49) Dibromochloromethane	8.805	129	84708	5.513	ug/L	96
50) 1,2-Dibromoethane	8.920	107	69793	5.472	ug/L	97
51) Chlorobenzene	9.444	112	283111	5.470	ug/L	99
52) Ethylbenzene	9.567	91	507923	5.679	ug/L	100
53) m,p-Xylene	9.689	106	190173	5.784	ug/L	98
54) o-Xylene	10.097	106	183608	5.749	ug/L	99
55) Styrene	10.110	104	313909	5.909	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.779	83	96101	5.825	ug/L	98
59) Bromoform	10.290	173	48016	5.586	ug/L	99
60) Isopropylbenzene	10.480	105	509588	5.726	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	66861	5.647	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	417279	5.711	ug/L	98
63) 1,2,4-Trimethylbenzene	11.464	105	425036	5.893	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	234821	5.801	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	227090	5.592	ug/L	99
67) 1,2-Dichlorobenzene	12.210	146	215375	5.799	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	13197	5.218	ug/L	94
69) 1,3,5-Trichlorobenzene	13.213	180	168860	5.540	ug/L	99
70) 1,2,4-trichlorobenzene	13.837	180	125494	5.055	ug/L	97
71) Naphthalene	14.081	128	179809	4.794	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	105966	5.182	ug/L	96

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

Quant Time: Nov 17 01:24:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 16 05:41:06 2023
Response via : Initial Calibration

