

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056280.D
 Acq On : 14 Nov 2023 02:57
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005151

Quant Time: Nov 14 21:48:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 14 00:08:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	281690	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	266763	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	129848	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	101469	4.816	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.908	69	89952	5.568	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.400%
11) 1,1-Dichloroethene-d2	2.564	65	44314	4.766	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	4.618	46	223084	53.099	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.200%
24) Chloroform-d	5.055	84	212574	5.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.695	65	99834	5.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.721	84	398456	5.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.686	67	125761	5.250	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.894	98	349369	4.978	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
43) trans-1,3-Dichloroprop...	8.174	79	48079	5.233	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.600%
46) 2-Hexanone-d5	8.628	63	201278	55.751	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.500%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	93319	5.452	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	117433	4.896	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.384	85	114969	5.151	ug/L	99
3) Chloromethane	1.519	50	127575	5.594	ug/L	95
5) Vinyl chloride	1.602	62	120238	5.472	ug/L	99
6) Bromomethane	1.853	94	62913	5.656	ug/L	96
8) Chloroethane	1.930	64	78627	5.857	ug/L	97
9) Trichlorofluoromethane	2.136	101	165210	5.217	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	94189	5.010	ug/L	99
12) 1,1-Dichloroethene	2.576	96	90759	5.263	ug/L	98
13) Acetone	2.625	43	142941	39.947	ug/L	99
14) Carbon disulfide	2.792	76	285655	5.091	ug/L	98
15) Methyl Acetate	2.946	43	35420	5.562	ug/L	99
16) Methylene chloride	3.039	84	116318	5.097	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	243500	5.812	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	96676	5.449	ug/L	98
19) 1,1-Dichloroethane	3.863	63	199749	5.684	ug/L	97
21) 2-Butanone	4.695	43	228100	49.126	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	112018	5.567	ug/L	97
23) Bromochloromethane	4.969	128	48545	5.862	ug/L	94
25) Chloroform	5.081	83	210852	5.538	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	122550	5.669	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	170714	5.575	ug/L	100
30) Cyclohexane	5.383	56	142089	4.889	ug/L	98
31) Carbon tetrachloride	5.518	117	141286	5.372	ug/L	98
33) Benzene	5.769	78	433162	5.691	ug/L	100
34) Trichloroethene	6.538	95	112444	5.422	ug/L	96
35) Methylcyclohexane	6.760	83	149081	4.979	ug/L	99
37) 1,2-Dichloropropane	6.782	63	113598	5.723	ug/L	100
38) Bromodichloromethane	7.100	83	144414	5.636	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	162790	5.581	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	579700	58.915	ug/L	99
42) Toluene	7.965	91	436284	5.536	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	133113	5.725	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	79153	5.987	ug/L	94
47) Tetrachloroethene	8.547	164	74200	5.306	ug/L	96
48) 2-Hexanone	8.679	43	415899	54.255	ug/L	99
49) Dibromochloromethane	8.804	129	87032	5.789	ug/L	96
50) 1,2-Dibromoethane	8.920	107	70733	5.668	ug/L #	99
51) Chlorobenzene	9.441	112	274086	5.413	ug/L	99
52) Ethylbenzene	9.566	91	463524	5.297	ug/L	100
53) m,p-Xylene	9.689	106	175482	5.455	ug/L	98
54) o-Xylene	10.097	106	168975	5.407	ug/L	99
55) Styrene	10.110	104	287185	5.525	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	94546	5.857	ug/L	97
59) Bromoform	10.283	173	48544	6.002	ug/L	97
60) Isopropylbenzene	10.480	105	444376	5.307	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	68405	6.140	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	368351	5.357	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	370403	5.458	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	207356	5.443	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	202026	5.287	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	191441	5.478	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	13822	5.808	ug/L	88
69) 1,3,5-Trichlorobenzene	13.213	180	150182	5.237	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	118884	5.089	ug/L	99
71) Naphthalene	14.081	128	178730	5.064	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	100189	5.207	ug/L	98

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

