

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056254.D
 Acq On : 13 Nov 2023 15:38
 Operator : MD/SY
 Sample : VSTD01002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010002

Quant Time: Nov 13 23:31:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 13 23:28:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	319216	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	306548	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	157364	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	238355	9.983	ug/L	0.00
7) Chloroethane-d5	1.908	69	181525	9.916	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.564	65	107399	10.192	ug/L	0.00
20) 2-Butanone-d5	4.615	46	495330	105.633	ug/L	0.00
24) Chloroform-d	5.056	84	470437	10.186	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	217601	10.197	ug/L	0.00
32) Benzene-d6	5.721	84	933219	10.218	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	280329	10.184	ug/L	0.00
41) Toluene-d8	7.891	98	847243	10.505	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	111119	10.525	ug/L	0.00
46) 2-Hexanone-d5	8.628	63	460964	111.110	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	203237	10.333	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	276908	9.525	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.384	85	276571	10.935	ug/L	98
3) Chloromethane	1.515	50	280415	10.849	ug/L	96
5) Vinyl chloride	1.602	62	272729	10.952	ug/L	99
6) Bromomethane	1.853	94	140902	11.179	ug/L	94
8) Chloroethane	1.930	64	160342	10.540	ug/L	96
9) Trichlorofluoromethane	2.133	101	399062	11.120	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.577	101	236280	11.090	ug/L	100
12) 1,1-Dichloroethene	2.577	96	219299	11.223	ug/L	93
13) Acetone	2.628	43	438172	108.059	ug/L	100
14) Carbon disulfide	2.789	76	697682	10.972	ug/L	99
15) Methyl Acetate	2.946	43	78261	11.294	ug/L	98
16) Methylene chloride	3.040	84	244539	9.456	ug/L	98
17) Methyl tert-butyl Ether	3.355	73	532513	11.216	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	226611	11.271	ug/L	98
19) 1,1-Dichloroethane	3.863	63	442832	11.119	ug/L	99
21) 2-Butanone	4.695	43	581613	114.372	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	258197	11.324	ug/L	97
23) Bromochloromethane	4.969	128	104804	11.167	ug/L	94
25) Chloroform	5.081	83	457976	10.614	ug/L	97
27) 1,2-Dichloroethane	5.785	62	265248	10.827	ug/L	98
29) 1,1,1-Trichloroethane	5.310	97	398712	11.331	ug/L	99
30) Cyclohexane	5.383	56	385440	11.541	ug/L	99
31) Carbon tetrachloride	5.519	117	341098	11.286	ug/L	98
33) Benzene	5.766	78	994875	11.374	ug/L	100
34) Trichloroethene	6.535	95	265550	11.143	ug/L	98
35) Methylcyclohexane	6.760	83	403004	11.713	ug/L	100
37) 1,2-Dichloropropane	6.785	63	257057	11.269	ug/L	99
38) Bromodichloromethane	7.100	83	318110	10.803	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	380207	11.344	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	1296618	114.672	ug/L	99
42) Toluene	7.965	91	1037608	11.458	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	308271	11.537	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	170822	11.245	ug/L	97
47) Tetrachloroethene	8.547	164	178799	11.126	ug/L	98
48) 2-Hexanone	8.679	43	1030394	116.973	ug/L	99
49) Dibromochloromethane	8.805	129	192816	11.161	ug/L	95
50) 1,2-Dibromoethane	8.917	107	157266	10.966	ug/L	95
51) Chlorobenzene	9.441	112	639563	10.991	ug/L	99
52) Ethylbenzene	9.563	91	1159180	11.527	ug/L	99
53) m,p-Xylene	9.689	106	440521	11.916	ug/L	99
54) o-Xylene	10.094	106	417398	11.624	ug/L	97
55) Styrene	10.110	104	726070	12.156	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.776	83	210434	11.345	ug/L	96
59) Bromoform	10.287	173	107884	11.006	ug/L	98
60) Isopropylbenzene	10.480	105	1144029	11.273	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	145871	10.804	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	959598	11.516	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	956178	11.625	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	506900	10.980	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	497733	10.749	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	461415	10.895	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	32319	11.206	ug/L	95
69) 1,3,5-Trichlorobenzene	13.213	180	376480	10.832	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	313422	11.071	ug/L	99
71) Naphthalene	14.081	128	487623	11.401	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	256892	11.016	ug/L	98

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

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