

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056255.D
 Acq On : 13 Nov 2023 16:03
 Operator : MD/SY
 Sample : VSTD02003
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020003

Quant Time: Nov 13 23:31:47 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	6.245	114	321050	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	312950	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	164529	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	487002	20.280	ug/L	0.00
7) Chloroethane-d5	1.908	69	357628	19.424	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	225002	21.231	ug/L	0.00
20) 2-Butanone-d5	4.618	46	1048665	222.358	ug/L	0.00
24) Chloroform-d	5.055	84	948131	20.413	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	444107	20.692	ug/L	0.00
32) Benzene-d6	5.721	84	1907766	20.461	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	576521	20.516	ug/L	0.00
41) Toluene-d8	7.894	98	1725634	20.958	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	231128	21.445	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	1023693	241.701	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	430060	21.417	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	593310	19.520	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	555986	21.857	ug/L	98
3) Chloromethane	1.515	50	543569	20.911	ug/L	97
5) Vinyl chloride	1.602	62	547239	21.850	ug/L	100
6) Bromomethane	1.853	94	288959	22.794	ug/L	96
8) Chloroethane	1.930	64	302842	19.794	ug/L	96
9) Trichlorofluoromethane	2.133	101	804668	22.295	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	473809	22.112	ug/L	99
12) 1,1-Dichloroethene	2.576	96	446271	22.708	ug/L	89
13) Acetone	2.631	43	869724	213.260	ug/L	98
14) Carbon disulfide	2.789	76	1411630	22.073	ug/L	98
15) Methyl Acetate	2.946	43	165862	23.800	ug/L	99
16) Methylene chloride	3.039	84	478513	18.398	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	1097016	22.975	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	454580	22.481	ug/L	99
19) 1,1-Dichloroethane	3.862	63	889382	22.204	ug/L	99
21) 2-Butanone	4.695	43	1212678	237.105	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	522424	22.781	ug/L	98
23) Bromochloromethane	4.968	128	210320	22.282	ug/L	96
25) Chloroform	5.081	83	921420	21.232	ug/L	96
27) 1,2-Dichloroethane	5.785	62	546147	22.165	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	801067	22.300	ug/L	100
30) Cyclohexane	5.383	56	797401	23.388	ug/L	100
31) Carbon tetrachloride	5.518	117	692373	22.440	ug/L	98
33) Benzene	5.766	78	1976865	22.139	ug/L	100
34) Trichloroethene	6.534	95	536402	22.047	ug/L	97
35) Methylcyclohexane	6.759	83	843738	24.021	ug/L	99
37) 1,2-Dichloropropane	6.785	63	513069	22.033	ug/L	99
38) Bromodichloromethane	7.097	83	645073	21.458	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	791390	23.128	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	2709848	234.755	ug/L	99
42) Toluene	7.965	91	2091950	22.629	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	638356	23.402	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	343842	22.171	ug/L	97
47) Tetrachloroethene	8.547	164	371702	22.657	ug/L	98
48) 2-Hexanone	8.682	43	2098820	233.390	ug/L	100
49) Dibromochloromethane	8.804	129	394053	22.344	ug/L	96
50) 1,2-Dibromoethane	8.917	107	322693	22.040	ug/L	97
51) Chlorobenzene	9.441	112	1312982	22.103	ug/L	98
52) Ethylbenzene	9.566	91	2425618	23.628	ug/L	99
53) m,p-Xylene	9.689	106	907043	24.034	ug/L	99
54) o-Xylene	10.097	106	871497	23.773	ug/L	100
55) Styrene	10.110	104	1517497	24.885	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	434854	22.964	ug/L	97
59) Bromoform	10.287	173	230461	22.487	ug/L	99
60) Isopropylbenzene	10.480	105	2410341	22.716	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	298307	21.131	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	2075791	23.826	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	2044683	23.776	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	1065426	22.074	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	1056139	21.814	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	969688	21.898	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	68578	22.743	ug/L	96
69) 1,3,5-Trichlorobenzene	13.213	180	798799	21.981	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	670103	22.640	ug/L	99
71) Naphthalene	14.081	128	1078058	24.107	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	550186	22.566	ug/L	98

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

