

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056253.D
 Acq On : 13 Nov 2023 15:14
 Operator : MD/SY
 Sample : VSTD00501
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005001

Quant Time: Nov 13 23:30:40 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	329059	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	314212	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	154932	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	119160	4.841	ug/L	0.00
7) Chloroethane-d5	1.907	69	91983	4.874	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	52873	4.868	ug/L	0.00
20) 2-Butanone-d5	4.618	46	247414	51.185	ug/L	0.00
24) Chloroform-d	5.058	84	234235	4.920	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	111004	5.046	ug/L	0.00
32) Benzene-d6	5.721	84	464777	4.965	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	139127	4.931	ug/L	0.00
41) Toluene-d8	7.894	98	417494	5.050	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	53903	4.981	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	218488	51.379	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	101901	5.054	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	135700	4.741	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	137146	5.260	ug/L	100
3) Chloromethane	1.518	50	138077	5.182	ug/L	100
5) Vinyl chloride	1.602	62	134321	5.233	ug/L	100
6) Bromomethane	1.856	94	68168	5.246	ug/L	100
8) Chloroethane	1.930	64	80273	5.119	ug/L	100
9) Trichlorofluoromethane	2.136	101	192985	5.217	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	115302	5.250	ug/L	100
12) 1,1-Dichloroethene	2.576	96	104728	5.199	ug/L	100
13) Acetone	2.628	43	221596	53.014	ug/L	100
14) Carbon disulfide	2.788	76	336300	5.131	ug/L	100
15) Methyl Acetate	2.949	43	38638	5.409	ug/L	100
16) Methylene chloride	3.039	84	123033	4.615	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	255586	5.222	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	110511	5.332	ug/L	100
19) 1,1-Dichloroethane	3.862	63	215688	5.254	ug/L	100
21) 2-Butanone	4.698	43	285010	54.369	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	123608	5.259	ug/L	100
23) Bromochloromethane	4.968	128	51867	5.361	ug/L	100
25) Chloroform	5.081	83	225312	5.066	ug/L	100
27) 1,2-Dichloroethane	5.788	62	132442	5.244	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	191587	5.312	ug/L	100
30) Cyclohexane	5.383	56	180629	5.277	ug/L	100
31) Carbon tetrachloride	5.518	117	161027	5.198	ug/L	100
33) Benzene	5.769	78	474975	5.298	ug/L	100
34) Trichloroethene	6.537	95	126960	5.197	ug/L	100
35) Methylcyclohexane	6.759	83	190621	5.405	ug/L	100
37) 1,2-Dichloropropane	6.785	63	125102	5.351	ug/L	100
38) Bromodichloromethane	7.100	83	156154	5.174	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	183283	5.335	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	620768	53.561	ug/L	100
42) Toluene	7.965	91	505636	5.447	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	146013	5.331	ug/L	100

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45) 1,1,2-Trichloroethane	8.393	97	80801	5.189	ug/L	100
47) Tetrachloroethene	8.547	164	87262	5.298	ug/L	100
48) 2-Hexanone	8.679	43	494366	54.753	ug/L	100
49) Dibromochloromethane	8.804	129	93784	5.296	ug/L	100
50) 1,2-Dibromoethane	8.920	107	79339	5.397	ug/L	100
51) Chlorobenzene	9.441	112	314858	5.279	ug/L	100
52) Ethylbenzene	9.566	91	550651	5.342	ug/L	100
53) m,p-Xylene	9.688	106	205414	5.421	ug/L	100
54) o-Xylene	10.097	106	198394	5.390	ug/L	100
55) Styrene	10.110	104	344238	5.622	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	100450	5.283	ug/L	100
59) Bromoform	10.287	173	51576	5.344	ug/L	100
60) Isopropylbenzene	10.479	105	536355	5.368	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	70647	5.314	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	437886	5.337	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	444238	5.486	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	241400	5.311	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	235106	5.157	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	220455	5.287	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	14696	5.176	ug/L	100
69) 1,3,5-Trichlorobenzene	13.212	180	179640	5.250	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	141114	5.063	ug/L	100
71) Naphthalene	14.081	128	210184	4.991	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	118344	5.154	ug/L	100

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

