

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056723.D
 Acq On : 11 Dec 2023 11:04
 Operator : MD/SY
 Sample : VSTD00507
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005007

Quant Time: Dec 12 00:38:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 00:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	257676	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	256171	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	125912	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	110262	4.992	ug/L	0.00
7) Chloroethane-d5	1.911	69	85048	5.146	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	47836	5.062	ug/L	0.00
20) 2-Butanone-d5	4.618	46	224191	51.398	ug/L	0.00
24) Chloroform-d	5.055	84	210008	5.021	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	99560	5.030	ug/L	0.00
32) Benzene-d6	5.721	84	408191	5.137	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	124058	4.988	ug/L	0.00
41) Toluene-d8	7.894	98	366402	5.159	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	47947	4.971	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	181794	50.448	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	88218	4.903	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	119739	4.838	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	129426	4.793	ug/L	100
3) Chloromethane	1.515	50	125904	4.742	ug/L	100
5) Vinyl chloride	1.602	62	126921	4.814	ug/L	100
6) Bromomethane	1.853	94	72219	4.646	ug/L	100
8) Chloroethane	1.930	64	75495	4.888	ug/L	100
9) Trichlorofluoromethane	2.136	101	182063	4.900	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	111876	4.909	ug/L	100
12) 1,1-Dichloroethene	2.576	96	99835	4.772	ug/L	100
13) Acetone	2.631	43	125180	47.092	ug/L	100
14) Carbon disulfide	2.788	76	345260	4.757	ug/L	100
15) Methyl Acetate	2.949	43	34611	4.777	ug/L	100
16) Methylene chloride	3.039	84	108771	4.772	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	225870	4.869	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	102097	4.813	ug/L	100
19) 1,1-Dichloroethane	3.862	63	197055	4.830	ug/L	100
21) 2-Butanone	4.698	43	214744	50.204	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	110761	4.800	ug/L	100
23) Bromochloromethane	4.968	128	47069	4.872	ug/L	100
25) Chloroform	5.081	83	206831	4.839	ug/L	100
27) 1,2-Dichloroethane	5.788	62	119991	4.747	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	180290	4.869	ug/L	100
30) Cyclohexane	5.383	56	170069	4.894	ug/L	100
31) Carbon tetrachloride	5.518	117	155703	4.838	ug/L	100
33) Benzene	5.769	78	444975	4.943	ug/L	100
34) Trichloroethene	6.537	95	120140	4.865	ug/L	100
35) Methylcyclohexane	6.756	83	174410	4.786	ug/L	100
37) 1,2-Dichloropropane	6.785	63	113279	4.919	ug/L	100
38) Bromodichloromethane	7.100	83	142542	4.853	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	164634	4.905	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	533115	48.750	ug/L	100
42) Toluene	7.965	91	462281	4.963	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	134374	4.885	ug/L	100

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45) 1,1,2-Trichloroethane	8.396	97	76420	4.908	ug/L	100
47) Tetrachloroethene	8.547	164	83657	4.840	ug/L	100
48) 2-Hexanone	8.679	43	381654	49.002	ug/L	100
49) Dibromochloromethane	8.804	129	87663	4.898	ug/L	100
50) 1,2-Dibromoethane	8.917	107	72065	4.987	ug/L	100
51) Chlorobenzene	9.441	112	285998	4.817	ug/L	100
52) Ethylbenzene	9.566	91	505441	4.919	ug/L	100
53) m,p-Xylene	9.688	106	190583	4.978	ug/L	100
54) o-Xylene	10.097	106	181290	4.970	ug/L	100
55) Styrene	10.110	104	308582	5.152	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	89666	4.767	ug/L	100
59) Bromoform	10.286	173	48745	4.741	ug/L	100
60) Isopropylbenzene	10.479	105	494807	4.974	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	64087	4.740	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	395080	4.859	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	398171	4.931	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	225095	4.783	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	212507	4.586	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	197400	4.605	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	12561	4.654	ug/L	100
69) 1,3,5-Trichlorobenzene	13.212	180	160236	4.506	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	123020	4.369	ug/L	100
71) Naphthalene	14.084	128	164901	4.002	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	100970	4.224	ug/L	100

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

