

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110723\
 Data File : VU056091.D
 Acq On : 07 Nov 2023 10:09
 Operator : MD/SY
 Sample : VSTD01076
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010076

Quant Time: Nov 08 00:16:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 08 00:14:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	384606	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	372420	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	192434	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	239462	10.031	ug/L	0.00
7) Chloroethane-d5	1.907	69	160832	9.927	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	106436	10.120	ug/L	0.00
20) 2-Butanone-d5	4.618	46	417601	111.937	ug/L	0.00
24) Chloroform-d	5.055	84	463320	10.196	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	206048	10.298	ug/L	0.00
32) Benzene-d6	5.721	84	944886	10.564	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	271819	10.324	ug/L	0.00
41) Toluene-d8	7.894	98	875174	10.677	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	105727	10.505	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	386988	118.173	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	196405	10.451	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	294449	9.922	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	344858	10.573	ug/L	99
3) Chloromethane	1.515	50	311636	10.199	ug/L	95
5) Vinyl chloride	1.602	62	332363	10.515	ug/L	99
6) Bromomethane	1.853	94	185011	10.190	ug/L	99
8) Chloroethane	1.927	64	171051	9.981	ug/L	96
9) Trichlorofluoromethane	2.132	101	436616	10.443	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	279570	10.497	ug/L	99
12) 1,1-Dichloroethene	2.576	96	261847	10.593	ug/L	98
13) Acetone	2.628	43	292366	101.224	ug/L	98
14) Carbon disulfide	2.788	76	877207	10.414	ug/L	99
15) Methyl Acetate	2.946	43	83629	10.262	ug/L	99
16) Methylene chloride	3.039	84	281118	9.918	ug/L	99
17) Methyl tert-butyl Ether	3.357	73	594700	10.678	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	276871	10.570	ug/L	99
19) 1,1-Dichloroethane	3.862	63	503164	10.530	ug/L	98
21) 2-Butanone	4.698	43	528588	110.970	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	304280	10.761	ug/L	97
23) Bromochloromethane	4.968	128	129906	10.354	ug/L	95
25) Chloroform	5.081	83	519155	10.196	ug/L	100
27) 1,2-Dichloroethane	5.788	62	298586	10.361	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	451359	10.579	ug/L	100
30) Cyclohexane	5.383	56	446977	11.213	ug/L	99
31) Carbon tetrachloride	5.518	117	403098	10.640	ug/L	99
33) Benzene	5.769	78	1149536	10.780	ug/L	100
34) Trichloroethene	6.537	95	309921	10.640	ug/L	98
35) Methylcyclohexane	6.759	83	485604	11.217	ug/L	98
37) 1,2-Dichloropropane	6.785	63	292065	10.532	ug/L	99
38) Bromodichloromethane	7.100	83	355943	10.279	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	435190	11.119	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	1341869	110.627	ug/L	100
42) Toluene	7.965	91	1230786	10.948	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	347670	10.971	ug/L	99

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45) 1,1,2-Trichloroethane	8.393	97	198281	10.459	ug/L	98
47) Tetrachloroethene	8.550	164	233434	10.678	ug/L	97
48) 2-Hexanone	8.679	43	993011	114.438	ug/L	98
49) Dibromochloromethane	8.804	129	233646	10.741	ug/L	96
50) 1,2-Dibromoethane	8.920	107	187890	10.607	ug/L #	98
51) Chlorobenzene	9.444	112	767348	10.580	ug/L	99
52) Ethylbenzene	9.566	91	1357996	11.085	ug/L	100
53) m,p-Xylene	9.688	106	530695	11.390	ug/L	99
54) o-Xylene	10.097	106	508419	11.383	ug/L	95
55) Styrene	10.110	104	869653	11.902	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	236954	10.636	ug/L	96
59) Bromoform	10.286	173	135518	10.140	ug/L	100
60) Isopropylbenzene	10.479	105	1353349	10.847	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	166522	10.025	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	1139061	11.257	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	1121229	11.296	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	620610	10.503	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	615431	10.533	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	570269	10.472	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	36260	10.349	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	470133	10.623	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	385488	10.979	ug/L	99
71) Naphthalene	14.080	128	601761	11.762	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	341004	11.077	ug/L	98

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

