

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056725.D
 Acq On : 11 Dec 2023 11:53
 Operator : MD/SY
 Sample : VSTD02009
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020009

Quant Time: Dec 12 00:39:58 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	6.242	114	266095	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	260892	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	135057	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	460645	20.196	ug/L	0.00
7) Chloroethane-d5	1.908	69	321991	18.865	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	203078	20.810	ug/L	0.00
20) 2-Butanone-d5	4.615	46	1030259	228.723	ug/L	0.00
24) Chloroform-d	5.055	84	907885	21.020	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	430641	21.070	ug/L	0.00
32) Benzene-d6	5.721	84	1757526	21.719	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	541143	21.365	ug/L	0.00
41) Toluene-d8	7.891	98	1593096	22.027	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	221535	22.554	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	953284	259.749	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	403550	22.021	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	549268	20.689	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	535516	19.206	ug/L	98
3) Chloromethane	1.515	50	514636	18.771	ug/L	99
5) Vinyl chloride	1.602	62	529712	19.456	ug/L	100
6) Bromomethane	1.853	94	297969	18.562	ug/L	96
8) Chloroethane	1.930	64	276804	17.355	ug/L	97
9) Trichlorofluoromethane	2.133	101	740653	19.303	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	451180	19.171	ug/L	98
12) 1,1-Dichloroethene	2.576	96	419890	19.436	ug/L	95
13) Acetone	2.628	43	548885	199.955	ug/L	100
14) Carbon disulfide	2.789	76	1448101	19.320	ug/L	100
15) Methyl Acetate	2.943	43	149375	19.966	ug/L	99
16) Methylene chloride	3.039	84	442860	18.816	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	1010341	21.092	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	444740	20.304	ug/L	98
19) 1,1-Dichloroethane	3.862	63	838853	19.909	ug/L	97
21) 2-Butanone	4.695	43	966898	218.893	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	486914	20.433	ug/L	99
23) Bromochloromethane	4.965	128	196347	19.682	ug/L	97
25) Chloroform	5.078	83	856801	19.412	ug/L	99
27) 1,2-Dichloroethane	5.785	62	516260	19.778	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	763541	20.246	ug/L	100
30) Cyclohexane	5.383	56	766416	21.654	ug/L	99
31) Carbon tetrachloride	5.518	117	664114	20.261	ug/L	99
33) Benzene	5.766	78	1855731	20.240	ug/L	100
34) Trichloroethene	6.534	95	506947	20.156	ug/L	98
35) Methylcyclohexane	6.756	83	813996	21.931	ug/L	97
37) 1,2-Dichloropropane	6.782	63	478969	20.421	ug/L	99
38) Bromodichloromethane	7.097	83	607128	20.298	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	748492	21.896	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	2406432	216.073	ug/L	98
42) Toluene	7.962	91	1991458	20.991	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	601445	21.467	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	318309	20.074	ug/L	96
47) Tetrachloroethene	8.547	164	354688	20.151	ug/L	97
48) 2-Hexanone	8.679	43	1754538	221.193	ug/L	98
49) Dibromochloromethane	8.804	129	371987	20.410	ug/L	99
50) 1,2-Dibromoethane	8.917	107	302793	20.575	ug/L	99
51) Chlorobenzene	9.441	112	1234777	20.421	ug/L	98
52) Ethylbenzene	9.563	91	2282003	21.806	ug/L	99
53) m,p-Xylene	9.689	106	861511	22.096	ug/L	97
54) o-Xylene	10.094	106	815239	21.947	ug/L	100
55) Styrene	10.110	104	1401353	22.974	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	392832	20.506	ug/L	97
59) Bromoform	10.283	173	217150	19.692	ug/L	99
60) Isopropylbenzene	10.480	105	2248434	21.072	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	268930	18.545	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	1931199	22.144	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	1909925	22.051	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	989826	19.610	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	976864	19.654	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	888669	19.326	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	61377	21.199	ug/L	97
69) 1,3,5-Trichlorobenzene	13.213	180	749406	19.649	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	618625	20.482	ug/L	98
71) Naphthalene	14.081	128	954580	21.597	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	502193	19.585	ug/L	97

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

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