

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040325\
 Data File : VU063332.D
 Acq On : 03 Apr 2025 16:25
 Operator : MD/SY
 Sample : VSTD02016
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020016

Quant Time: Apr 04 09:13:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040325WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 04 09:10:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	6.239	114	208208	5.00 ug/L	0.00
28) Chlorobenzene-d5	9.406	117	207258	5.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	109362	5.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.592	65	276594	19.22 ug/L	0.00
7) Chloroethane-d5	1.891	69	265380	19.17 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.551	65	128485	19.73 ug/L	0.00
20) 2-Butanone-d5	4.602	46	887775	216.71 ug/L	0.00
24) Chloroform-d	5.046	84	614837	19.50 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.685	65	309630	19.62 ug/L	0.00
32) Benzene-d6	5.711	84	1238682	20.07 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.676	67	401872	20.01 ug/L	0.00
41) Toluene-d8	7.888	98	1120314	20.95 ug/L	0.00
43) trans-1,3-Dichloroprop...	8.168	79	126586	21.26 ug/L	0.00
46) 2-Hexanone-d5	8.621	63	750244	246.25 ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.743	84	345881	20.18 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	388379	19.93 ug/L	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.377	85	399275	18.69 ug/L	100
3) Chloromethane	1.515	50	443411	18.40 ug/L	99
5) Vinyl chloride	1.596	62	452326	18.73 ug/L	99
6) Bromomethane	1.827	94	245290	19.20 ug/L	96
8) Chloroethane	1.914	64	257081	18.68 ug/L	96
9) Trichlorofluoromethane	2.123	101	472266	18.55 ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	287657	18.71 ug/L	99
12) 1,1-Dichloroethene	2.563	96	284438	19.32 ug/L	98
13) Acetone	2.612	43	513695	185.99 ug/L	100
14) Carbon disulfide	2.776	76	993873	18.91 ug/L	99
15) Methyl Acetate	2.936	43	141484	19.38 ug/L	98
16) Methylene chloride	3.026	84	331871	17.75 ug/L	98
17) Methyl tert-butyl Ether	3.348	73	773038	20.62 ug/L	99
18) trans-1,2-Dichloroethene	3.335	96	304603	19.34 ug/L	98
19) 1,1-Dichloroethane	3.850	63	614683	19.04 ug/L	99
21) 2-Butanone	4.682	43	937742	215.32 ug/L	99
22) cis-1,2-Dichloroethene	4.650	96	353190	20.07 ug/L	98
23) Bromochloromethane	4.959	128	153147	18.81 ug/L	95
25) Chloroform	5.071	83	603021	18.73 ug/L	98
27) 1,2-Dichloroethane	5.779	62	396744	19.30 ug/L	97
29) 1,1,1-Trichloroethane	5.300	97	487043	19.17 ug/L	99
30) Cyclohexane	5.374	56	590245	21.59 ug/L	100
31) Carbon tetrachloride	5.509	117	411825	18.91 ug/L	99
33) Benzene	5.759	78	1383307	19.67 ug/L	100
34) Trichloroethene	6.531	95	344804	19.40 ug/L	98
35) Methylcyclohexane	6.750	83	568542	21.95 ug/L	98
37) 1,2-Dichloropropane	6.775	63	377083	19.35 ug/L	100
38) Bromodichloromethane	7.094	83	437567	18.93 ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	546736	21.26 ug/L	100
40) 4-Methyl-2-pentanone	7.779	43	2327732	216.52 ug/L	99
42) Toluene	7.959	91	1497469	20.57 ug/L	99
44) trans-1,3-Dichloropropene	8.197	75	461220	21.16 ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.386	97	264102	19.37	ug/L	99
47) Tetrachloroethene	8.544	164	248332	19.53	ug/L	99
48) 2-Hexanone	8.672	43	1713420	226.49	ug/L	100
49) Dibromochloromethane	8.798	129	288811	19.82	ug/L	99
50) 1,2-Dibromoethane	8.914	107	252192	19.97	ug/L	99
51) Chlorobenzene	9.438	112	893515	19.79	ug/L	98
52) Ethylbenzene	9.560	91	1633773	22.02	ug/L	100
53) m,p-Xylene	9.682	106	610514	22.53	ug/L	100
54) o-Xylene	10.090	106	593769	22.85	ug/L	98
55) Styrene	10.103	104	1028324	23.76	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.769	83	358555	20.09	ug/L	98
59) Bromoform	10.280	173	177512	18.18	ug/L	99
60) Isopropylbenzene	10.473	105	1590936	20.84	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	242702	17.74	ug/L	99
62) 1,3,5-Trimethylbenzene	11.078	105	1323930	22.25	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	1320747	23.81	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	707248	19.40	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	708319	19.51	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	672240	19.37	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	53901	18.83	ug/L	97
69) 1,3,5-Trichlorobenzene	13.209	180	504390	20.43	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	403805	23.29	ug/L	100
71) Naphthalene	14.077	128	696819	27.40	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	362725	23.42	ug/L	99

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

