

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040325\
 Data File : VU063331.D
 Acq On : 03 Apr 2025 16:00
 Operator : MD/SY
 Sample : VSTD01015
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010015

Quant Time: Apr 04 09:12:59 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	6.238	114	198448	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	193258	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	96687	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	130994	9.55	ug/L	0.00
7) Chloroethane-d5	1.898	69	127171	9.64	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.554	65	60418	9.73	ug/L	0.00
20) 2-Butanone-d5	4.605	46	405444	103.84	ug/L	0.00
24) Chloroform-d	5.049	84	294307	9.79	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	147363	9.80	ug/L	0.00
32) Benzene-d6	5.714	84	592448	10.30	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	189197	10.10	ug/L	0.00
41) Toluene-d8	7.888	98	530048	10.63	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	58375	10.51	ug/L	0.00
46) 2-Hexanone-d5	8.621	63	328041	115.47	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	159098	9.96	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	173918	10.10	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	194144	9.54	ug/L	100
3) Chloromethane	1.518	50	217298	9.46	ug/L	99
5) Vinyl chloride	1.599	62	217051	9.43	ug/L	99
6) Bromomethane	1.837	94	118525	9.73	ug/L	98
8) Chloroethane	1.917	64	122730	9.36	ug/L	98
9) Trichlorofluoromethane	2.126	101	230381	9.49	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	138654	9.46	ug/L	100
12) 1,1-Dichloroethene	2.567	96	135570	9.66	ug/L	96
13) Acetone	2.612	43	243294	92.42	ug/L	99
14) Carbon disulfide	2.779	76	475127	9.48	ug/L	99
15) Methyl Acetate	2.939	43	66904	9.61	ug/L	100
16) Methylene chloride	3.030	84	161424	9.06	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	354260	9.92	ug/L	99
18) trans-1,2-Dichloroethene	3.338	96	146603	9.77	ug/L	99
19) 1,1-Dichloroethane	3.853	63	295538	9.61	ug/L	98
21) 2-Butanone	4.685	43	438055	105.53	ug/L	100
22) cis-1,2-Dichloroethene	4.650	96	166473	9.92	ug/L	98
23) Bromochloromethane	4.959	128	72901	9.40	ug/L	98
25) Chloroform	5.071	83	291949	9.51	ug/L	100
27) 1,2-Dichloroethane	5.779	62	191359	9.77	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	233140	9.84	ug/L	99
30) Cyclohexane	5.373	56	270924	10.63	ug/L	100
31) Carbon tetrachloride	5.512	117	199549	9.83	ug/L	99
33) Benzene	5.759	78	660294	10.07	ug/L	100
34) Trichloroethene	6.531	95	162815	9.82	ug/L	97
35) Methylcyclohexane	6.753	83	258392	10.70	ug/L	100
37) 1,2-Dichloropropane	6.779	63	181259	9.98	ug/L	100
38) Bromodichloromethane	7.094	83	209769	9.73	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	248556	10.36	ug/L	99
40) 4-Methyl-2-pentanone	7.779	43	1076936	107.43	ug/L	99
42) Toluene	7.959	91	709362	10.45	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	210997	10.38	ug/L	97

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45) 1,1,2-Trichloroethane	8.389	97	125749	9.89	ug/L	99
47) Tetrachloroethene	8.544	164	118617	10.00	ug/L	99
48) 2-Hexanone	8.672	43	773673	109.67	ug/L	98
49) Dibromochloromethane	8.798	129	135753	9.99	ug/L	99
50) 1,2-Dibromoethane	8.914	107	119665	10.16	ug/L	96
51) Chlorobenzene	9.438	112	420011	9.98	ug/L	98
52) Ethylbenzene	9.560	91	744865	10.76	ug/L	99
53) m,p-Xylene	9.685	106	282206	11.17	ug/L	98
54) o-Xylene	10.090	106	270296	11.15	ug/L	96
55) Styrene	10.103	104	467983	11.60	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.769	83	165869	9.97	ug/L	100
59) Bromoform	10.280	173	81428	9.43	ug/L	100
60) Isopropylbenzene	10.473	105	718158	10.64	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	113758	9.41	ug/L	100
62) 1,3,5-Trimethylbenzene	11.077	105	571269	10.86	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	574160	11.71	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	322784	10.02	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	322454	10.05	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	302509	9.86	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	24207	9.57	ug/L	97
69) 1,3,5-Trichlorobenzene	13.209	180	220993	10.13	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	168167	10.97	ug/L	99
71) Naphthalene	14.081	128	270521	12.03	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	154211	11.26	ug/L	99

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

