

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020425\
 Data File : VU063118.D
 Acq On : 04 Feb 2025 13:44
 Operator : MD/SY
 Sample : VSTD00502
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005002

Quant Time: Feb 05 07:29:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 05 07:27:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	93268	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	87199	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42950	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	25773	4.166	ug/L	0.00
7) Chloroethane-d5	1.898	69	24122	4.626	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.554	65	11612	4.289	ug/L	0.00
20) 2-Butanone-d5	4.605	46	88889	58.961	ug/L	0.00
24) Chloroform-d	5.049	84	59624	4.705	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	30126	5.048	ug/L	0.00
32) Benzene-d6	5.714	84	113402	4.616	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	37264	4.587	ug/L	0.00
41) Toluene-d8	7.888	98	102005	4.627	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	14446	4.769	ug/L	0.00
46) 2-Hexanone-d5	8.621	63	73045	54.740	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	33476	4.988	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	33723	4.469	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	37662	6.033	ug/L	100
3) Chloromethane	1.515	50	42443	5.649	ug/L	100
5) Vinyl chloride	1.599	62	42591	5.439	ug/L	100
6) Bromomethane	1.840	94	22017	5.222	ug/L	100
8) Chloroethane	1.920	64	25797	5.544	ug/L	100
9) Trichlorofluoromethane	2.126	101	48270	4.761	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	28910	4.486	ug/L	100
12) 1,1-Dichloroethene	2.567	96	28643	4.804	ug/L	100
13) Acetone	2.612	43	53599	58.981	ug/L	100
14) Carbon disulfide	2.779	76	99476	5.513	ug/L	100
15) Methyl Acetate	2.940	43	15483	6.451	ug/L	100
16) Methylene chloride	3.030	84	34645	5.016	ug/L	100
17) Methyl tert-butyl Ether	3.348	73	82777	5.228	ug/L	100
18) trans-1,2-Dichloroethene	3.342	96	31188	5.140	ug/L	100
19) 1,1-Dichloroethane	3.853	63	62330	5.091	ug/L	100
21) 2-Butanone	4.686	43	94897	63.559	ug/L	100
22) cis-1,2-Dichloroethene	4.653	96	35872	4.916	ug/L	100
23) Bromochloromethane	4.959	128	16158	5.238	ug/L	100
25) Chloroform	5.075	83	62459	4.947	ug/L	100
27) 1,2-Dichloroethane	5.782	62	41562	5.493	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	49807	4.886	ug/L	100
30) Cyclohexane	5.374	56	51807	5.365	ug/L	100
31) Carbon tetrachloride	5.512	117	42011	4.826	ug/L	100
33) Benzene	5.763	78	139777	5.076	ug/L	100
34) Trichloroethene	6.531	95	34778	4.805	ug/L	100
35) Methylcyclohexane	6.753	83	51626	4.985	ug/L	100
37) 1,2-Dichloropropane	6.779	63	38261	5.214	ug/L	100
38) Bromodichloromethane	7.094	83	45453	5.031	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	53601	5.026	ug/L	100
40) 4-Methyl-2-pentanone	7.779	43	230347	60.238	ug/L	100
42) Toluene	7.959	91	146673	5.050	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	45670	5.179	ug/L	100

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45) 1,1,2-Trichloroethane	8.390	97	28562	5.196	ug/L	100
47) Tetrachloroethene	8.544	164	24679	4.961	ug/L	100
48) 2-Hexanone	8.673	43	166295	62.271	ug/L	100
49) Dibromochloromethane	8.798	129	29775	5.017	ug/L	100
50) 1,2-Dibromoethane	8.914	107	25918	5.148	ug/L	100
51) Chlorobenzene	9.438	112	86116	4.882	ug/L	100
52) Ethylbenzene	9.560	91	151365	4.927	ug/L	100
53) m,p-Xylene	9.685	106	55467	4.896	ug/L	100
54) o-Xylene	10.090	106	55092	4.981	ug/L	100
55) Styrene	10.107	104	93260	5.027	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	36426	5.233	ug/L	100
59) Bromoform	10.280	173	18072	4.971	ug/L	100
60) Isopropylbenzene	10.473	105	143844	4.720	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	24552	5.208	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	114621	4.785	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	113221	5.001	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	64611	4.695	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	64633	4.637	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	60677	4.619	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	5009	6.460	ug/L	100
69) 1,3,5-Trichlorobenzene	13.213	180	43870	4.802	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	34375	5.360	ug/L	100
71) Naphthalene	14.081	128	54450	5.690	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	31149	5.426	ug/L	100

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

