

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060625\
 Data File : VU063362.D
 Acq On : 06 Jun 2025 18:01
 Operator : MD/SY
 Sample : VSTD02019
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020019

Quant Time: Jun 09 11:16:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 09 11:15:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	113210	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	112906	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	67005	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	220720	19.871	ug/L	0.00
7) Chloroethane-d5	1.885	69	163749	18.838	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.547	65	77082	19.920	ug/L	0.00
20) 2-Butanone-d5	4.608	46	528457	223.425	ug/L	0.00
24) Chloroform-d	5.049	84	356492	20.489	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	181423	20.511	ug/L	0.00
32) Benzene-d6	5.714	84	709520	20.851	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	235577	20.795	ug/L	0.00
41) Toluene-d8	7.888	98	631260	21.835	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	90467	22.921	ug/L	0.00
46) 2-Hexanone-d5	8.621	63	454978	262.437	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	209439	21.299	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	237462	21.163	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	214136	20.234	ug/L	100
3) Chloromethane	1.522	50	263108	19.778	ug/L	100
5) Vinyl chloride	1.596	62	281942	19.566	ug/L	100
6) Bromomethane	1.824	94	161920	20.633	ug/L	97
8) Chloroethane	1.911	64	177049	20.132	ug/L	97
9) Trichlorofluoromethane	2.116	101	319509	19.546	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.560	101	180863	19.327	ug/L	99
12) 1,1-Dichloroethene	2.560	96	177916	20.333	ug/L	98
13) Acetone	2.618	43	316876	186.938	ug/L	100
14) Carbon disulfide	2.772	76	596383	19.568	ug/L	100
15) Methyl Acetate	2.940	43	89623	20.085	ug/L	99
16) Methylene chloride	3.026	84	212968	19.032	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	486402	21.895	ug/L	100
18) trans-1,2-Dichloroethene	3.335	96	194666	19.895	ug/L	98
19) 1,1-Dichloroethane	3.849	63	394093	20.149	ug/L	98
21) 2-Butanone	4.689	43	577323	223.634	ug/L	98
22) cis-1,2-Dichloroethene	4.650	96	229733	21.023	ug/L	100
23) Bromochloromethane	4.959	128	100539	19.874	ug/L	97
25) Chloroform	5.071	83	383728	19.592	ug/L	100
27) 1,2-Dichloroethane	5.779	62	251076	19.926	ug/L	99
29) 1,1,1-Trichloroethane	5.300	97	308531	19.969	ug/L	100
30) Cyclohexane	5.374	56	365351	22.767	ug/L	100
31) Carbon tetrachloride	5.509	117	261092	20.234	ug/L	99
33) Benzene	5.759	78	893875	20.840	ug/L	100
34) Trichloroethene	6.531	95	224472	19.900	ug/L	97
35) Methylcyclohexane	6.753	83	361193	22.752	ug/L	97
37) 1,2-Dichloropropane	6.779	63	247067	20.771	ug/L	99
38) Bromodichloromethane	7.094	83	280763	19.949	ug/L	97
39) cis-1,3-Dichloropropene	7.595	75	358859	22.220	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	1452443	226.748	ug/L	100
42) Toluene	7.959	91	964925	21.740	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	296249	22.493	ug/L	100

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45) 1,1,2-Trichloroethane	8.390	97	172485	20.274	ug/L	99
47) Tetrachloroethene	8.544	164	165328	20.612	ug/L	100
48) 2-Hexanone	8.672	43	1060522	231.005	ug/L	98
49) Dibromochloromethane	8.801	129	188866	20.741	ug/L	98
50) 1,2-Dibromoethane	8.914	107	162958	20.822	ug/L	98
51) Chlorobenzene	9.438	112	591860	20.891	ug/L	97
52) Ethylbenzene	9.560	91	1049495	23.059	ug/L	100
53) m,p-Xylene	9.685	106	407874	23.989	ug/L	96
54) o-Xylene	10.090	106	393023	24.258	ug/L	96
55) Styrene	10.106	104	683680	24.771	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	230350	21.127	ug/L	99
59) Bromoform	10.280	173	117488	19.687	ug/L	98
60) Isopropylbenzene	10.476	105	1051309	22.068	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	156380	19.236	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	865935	23.569	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	858942	24.351	ug/L	97
64) 1,3-Dichlorobenzene	11.737	146	480052	20.323	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	484975	20.469	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	455266	20.548	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	35120	22.626	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	342547	21.814	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	288792	23.315	ug/L	99
71) Naphthalene	14.081	128	493317	26.847	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	261461	23.200	ug/L	98

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

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