

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031425\
 Data File : VV038710.D
 Acq On : 14 Mar 2025 11:24
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 14 12:23:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031325WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 13 13:15:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	156434	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	169756	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	92182	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	49118	4.74	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.80%	
7) Chloroethane-d5	1.529	69	48663	4.83	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.60%	
11) 1,1-Dichloroethene-d2	2.053	65	23831	4.51	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.20%	
20) 2-Butanone-d5	3.790	46	145578	58.35	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.70%	
24) Chloroform-d	4.240	84	128834	5.28	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.60%	
26) 1,2-Dichloroethane-d4	4.934	65	57815	5.29	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.80%	
32) Benzene-d6	4.950	84	227576	5.23	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.60%	
36) 1,2-Dichloropropane-d6	5.979	67	73231	5.17	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.40%	
41) Toluene-d8	7.236	98	202620	5.15	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.00%	
43) trans-1,3-Dichloroprop...	7.551	79	21937	5.26	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	105.20%	
46) 2-Hexanone-d5	8.018	63	117230	58.26	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	116.52%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	64824	5.41	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.20%	
66) 1,2-Dichlorobenzene-d4	11.551	152	73094	4.87	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.40%	
Target Compounds						
2) Dichlorodifluoromethane	1.105	85	85263	5.55	ug/L	98
3) Chloromethane	1.214	50	84698	5.55	ug/L	98
5) Vinyl chloride	1.282	62	88009	5.53	ug/L	96
6) Bromomethane	1.484	94	43197	5.74	ug/L	98
8) Chloroethane	1.545	64	53333	5.10	ug/L	99
9) Trichlorofluoromethane	1.709	101	120931	5.31	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	69596	5.27	ug/L	98
12) 1,1-Dichloroethene	2.063	96	65143	5.45	ug/L	93
13) Acetone	2.124	43	119385	57.28	ug/L	96
14) Carbon disulfide	2.233	76	202037	5.35	ug/L	99
15) Methyl Acetate	2.378	43	25348	5.35	ug/L	98
16) Methylene chloride	2.442	84	72295	5.25	ug/L	97
17) Methyl tert-butyl Ether	2.700	73	135472	5.38	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	66481	5.55	ug/L	96
19) 1,1-Dichloroethane	3.105	63	129744	5.44	ug/L	97
21) 2-Butanone	3.873	43	157169	59.56	ug/L	95
22) cis-1,2-Dichloroethene	3.806	96	67879	5.43	ug/L	99
23) Bromochloromethane	4.140	128	32574	5.38	ug/L	95
25) Chloroform	4.269	83	134634	5.51	ug/L	95

Client Sample ID :
 MSVOA_V
 Instrument :

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	76546	5.67	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	114450	5.41	ug/L	100
30) Cyclohexane	4.568	56	93428	5.37	ug/L	97
31) Carbon tetrachloride	4.722	117	101667	5.29	ug/L	99
33) Benzene	5.002	78	274374	5.67	ug/L	100
34) Trichloroethene	5.825	95	70171	5.35	ug/L	96
35) Methylcyclohexane	6.040	83	96140	5.06	ug/L	97
37) 1,2-Dichloropropane	6.082	63	67722	5.18	ug/L	97
38) Bromodichloromethane	6.426	83	91729	5.31	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	93336	5.46	ug/L	99
40) 4-Methyl-2-pentanone	7.150	43	381825	58.32	ug/L	100
42) Toluene	7.307	91	295980	5.91	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	81609	5.66	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	51993	5.31	ug/L	92
47) Tetrachloroethene	7.899	164	53682	5.38	ug/L	95
48) 2-Hexanone	8.066	43	287072	61.30	ug/L	97
49) Dibromochloromethane	8.169	129	58906	5.43	ug/L	99
50) 1,2-Dibromoethane	8.275	107	49390	5.65	ug/L #	95
51) Chlorobenzene	8.805	112	186890	5.48	ug/L	98
52) Ethylbenzene	8.937	91	296878	5.44	ug/L	99
53) m,p-Xylene	9.066	106	115329	5.61	ug/L	96
54) o-Xylene	9.471	106	107495	5.63	ug/L	99
55) Styrene	9.490	104	198105	6.02	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	65490	5.64	ug/L	95
59) Bromoform	9.657	173	27977	4.59	ug/L	100
60) Isopropylbenzene	9.860	105	294319	5.34	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	44181	5.43	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	215733	5.04	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	216474	5.19	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	148695	5.31	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	151265	5.29	ug/L	97
67) 1,2-Dichlorobenzene	11.571	146	135144	5.18	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	8581			
69) 1,3,5-Trichlorobenzene	12.574	180	93939			
70) 1,2,4-trichlorobenzene	13.191	180	71011			
71) Naphthalene	13.435	128	94124	4.57	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	66340	5.05	ug/L	99

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

