

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031425\
 Data File : VV038707.D
 Acq On : 14 Mar 2025 09:21
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 14 10:13:51 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	160261	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	171389	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	91586	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	43619	4.11	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.20%	
7) Chloroethane-d5	1.529	69	44800	4.34	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.80%	
11) 1,1-Dichloroethene-d2	2.053	65	21682	4.00	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.00%	
20) 2-Butanone-d5	3.796	46	124670	48.77	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.54%	
24) Chloroform-d	4.239	84	117508	4.70	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.00%	
26) 1,2-Dichloroethane-d4	4.937	65	52681	4.71	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.20%	
32) Benzene-d6	4.953	84	204177	4.64	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.80%	
36) 1,2-Dichloropropane-d6	5.982	67	62610	4.38	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.60%	
41) Toluene-d8	7.236	98	186928	4.71	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.20%	
43) trans-1,3-Dichloroprop...	7.554	79	19858	4.72	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.40%	
46) 2-Hexanone-d5	8.021	63	98476	48.47	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.94%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	56572	4.68	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.60%	
66) 1,2-Dichlorobenzene-d4	11.554	152	65999	4.42	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.40%	
Target Compounds						
2) Dichlorodifluoromethane	1.105	85	86035	5.15	ug/L	96
3) Chloromethane	1.214	50	80472	5.15	ug/L	96
5) Vinyl chloride	1.281	62	85705	5.26	ug/L	98
6) Bromomethane	1.487	94	42078	5.46	ug/L	96
8) Chloroethane	1.545	64	53187	4.97	ug/L	98
9) Trichlorofluoromethane	1.709	101	123361	5.29	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	70844	5.23	ug/L	97
12) 1,1-Dichloroethene	2.063	96	64144	5.24	ug/L	93
13) Acetone	2.127	43	141378	66.21	ug/L	98
14) Carbon disulfide	2.233	76	201370	5.20	ug/L	100
15) Methyl Acetate	2.381	43	24662	5.09	ug/L	100
16) Methylene chloride	2.442	84	70681	5.01	ug/L	98
17) Methyl tert-butyl Ether	2.696	73	132511	5.14	ug/L	99
18) trans-1,2-Dichloroethene	2.686	96	65933	5.37	ug/L	91
19) 1,1-Dichloroethane	3.104	63	130220	5.33	ug/L	96
21) 2-Butanone	3.876	43	164322	60.78	ug/L	99
22) cis-1,2-Dichloroethene	3.809	96	68049	5.31	ug/L	96
23) Bromochloromethane	4.143	128	32499	5.24	ug/L	99
25) Chloroform	4.265	83	134503	5.37	ug/L	99

Client Sample :
 MSVOA_V
 Instrument :

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27) 1,2-Dichloroethane	5.037	62	74486	5.39	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	116339	5.44	ug/L	99
30) Cyclohexane	4.574	56	93328	5.32	ug/L	98
31) Carbon tetrachloride	4.725	117	101681	5.24	ug/L	99
33) Benzene	5.001	78	272698	5.58	ug/L	100
34) Trichloroethene	5.825	95	67461	5.10	ug/L	97
35) Methylcyclohexane	6.040	83	97711	5.09	ug/L	98
37) 1,2-Dichloropropane	6.085	63	70256	5.32	ug/L	100
38) Bromodichloromethane	6.426	83	93255	5.35	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	91050	5.28	ug/L	99
40) 4-Methyl-2-pentanone	7.149	43	375346	56.79	ug/L	99
42) Toluene	7.307	91	297831	5.89	ug/L	97
44) trans-1,3-Dichloropropene	7.577	75	78731	5.41	ug/L	98
45) 1,1,2-Trichloroethane	7.763	97	52984	5.36	ug/L	99
47) Tetrachloroethene	7.895	164	53295	5.29	ug/L	96
48) 2-Hexanone	8.069	43	298963	63.23	ug/L	99
49) Dibromochloromethane	8.169	129	60195	5.49	ug/L	100
50) 1,2-Dibromoethane	8.278	107	48767	5.52	ug/L	93
51) Chlorobenzene	8.805	112	185712	5.39	ug/L	98
52) Ethylbenzene	8.940	91	295917	5.37	ug/L	99
53) m,p-Xylene	9.066	106	114019	5.50	ug/L	96
54) o-Xylene	9.471	106	107182	5.56	ug/L	100
55) Styrene	9.490	104	197556	5.95	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.168	83	64243	5.48	ug/L	97
59) Bromoform	9.660	173	28359	4.68	ug/L	99
60) Isopropylbenzene	9.860	105	291800	5.33	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	44222	5.47	ug/L	99
62) 1,3,5-Trimethylbenzene	10.467	105	214332	5.04	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	221672	5.35	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	148840	5.35	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	151372	5.32	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	134264	5.18	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	9334			
69) 1,3,5-Trichlorobenzene	12.574	180	94087			
70) 1,2,4-trichlorobenzene	13.191	180	70930			
71) Naphthalene	13.432	128	93731	4.58	ug/L #	97
72) 1,2,3-Trichlorobenzene	13.673	180	67640	5.18	ug/L	96

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

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