

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031725\
 Data File : VV038722.D
 Acq On : 17 Mar 2025 18:13
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 18 08:12:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM031724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 17 15:08:07 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	381296	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	404577	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	224486	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	188421	49.08	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	98.16%	
7) Chloroethane-d5	1.529	69	158184	49.16	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	98.32%	
11) 1,1-Dichloroethene-d2	2.053	65	83409	48.45	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	96.90%	
21) 2-Butanone-d5	3.786	46	138369	100.07	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	100.07%	
24) Chloroform-d	4.239	84	346857	49.98	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.96%	
26) 1,2-Dichloroethane-d4	4.934	65	208464	51.63	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	103.26%	
32) Benzene-d6	4.950	84	677264	52.87	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	105.74%	
36) 1,2-Dichloropropane-d6	5.979	67	216655	52.37	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	104.74%	
41) Toluene-d8	7.233	98	616088	55.36	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	110.72%	
43) trans-1,3-Dichloroprop...	7.545	79	88251	51.77	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	103.54%	
47) 2-Hexanone-d5	8.017	63	87932	102.76	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	102.76%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	259819	50.66	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	101.32%	
66) 1,2-Dichlorobenzene-d4	11.551	152	216424	50.51	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	101.02%	
Target Compounds						
2) Dichlorodifluoromethane	1.105	85	136341	48.60	ug/L	100
3) Chloromethane	1.217	50	187439	48.74	ug/L	94
5) Vinyl chloride	1.281	62	195023	49.81	ug/L	99
6) Bromomethane	1.484	94	104324	48.22	ug/L	99
8) Chloroethane	1.545	64	122889	48.22	ug/L	100
9) Trichlorofluoromethane	1.709	101	244742	45.57	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	138679	49.24	ug/L	92
12) 1,1-Dichloroethene	2.066	96	140890	80.82	ug/L	97
13) Acetone	2.108	43	109818	47.03	ug/L	100
14) Carbon disulfide	2.236	76	418054	49.69	ug/L	93
15) Methyl Acetate	2.368	43	135053	48.14	ug/L	90
16) Methylene chloride	2.442	84	175270	50.36	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	151659	50.58	ug/L	98
18) Methyl tert-butyl Ether	2.696	73	428261	49.51	ug/L	99
19) 1,1-Dichloroethane	3.104	63	313902	49.47	ug/L	96
20) cis-1,2-Dichloroethene	3.809	96	162896	83.14	ug/L	94
22) 2-Butanone	3.866	43	132825	49.50	ug/L	83
23) Bromochloromethane	4.137	128	87525	49.56	ug/L	99
25) Chloroform	4.265	83	315324			

Client Sample ID :
 MSVOA_V
 Instrument :

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.030	62	242468	53.17	ug/L	100
29) Cyclohexane	4.574	56	252541	50.73	ug/L	93
30) 1,1,1-Trichloroethane	4.503	97	258761	49.91	ug/L	97
31) Carbon tetrachloride	4.725	117	221172	49.61	ug/L	99
33) Benzene	5.002	78	674456	52.47	ug/L	100
34) Trichloroethene	5.825	95	163000	49.31	ug/L	95
35) Methylcyclohexane	6.043	83	236752	48.80	ug/L	95
37) 1,2-Dichloropropane	6.085	63	189210	52.83	ug/L	99
38) Bromodichloromethane	6.423	83	237707	50.43	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	270500	52.79	ug/L	99
40) 4-Methyl-2-pentanone	7.149	43	334406	105.19	ug/L #	93
42) Toluene	7.307	91	712011	54.29	ug/L	97
44) trans-1,3-Dichloropropene	7.574	75	251195	51.73	ug/L	98
45) 1,1,2-Trichloroethane	7.760	97	166772	49.39	ug/L	99
46) Tetrachloroethene	7.895	164	114934	48.97	ug/L	96
48) 2-Hexanone	8.069	43	225735	102.44	ug/L #	94
49) Dibromochloromethane	8.165	129	167783	49.81	ug/L	98
50) 1,2-Dibromoethane	8.275	107	165221	50.28	ug/L	100
51) Chlorobenzene	8.805	112	446796	49.86	ug/L	96
52) Ethylbenzene	8.937	91	757725	52.31	ug/L	99
53) m,p-Xylene	9.066	106	284845	54.17	ug/L	99
54) o-Xylene	9.471	106	275755	53.98	ug/L	100
55) Styrene	9.487	104	504795	56.24	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.169	83	251033	49.94	ug/L	97
59) Bromoform	9.654	173	102944	49.38	ug/L	99
60) Isopropylbenzene	9.857	105	732143	51.85	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	179850	48.04	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	568638	51.98	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	578221	52.12	ug/L	100
64) 1,3-Dichlorobenzene	11.107	146	338670	49.47	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	354686	48.32	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	344767	49.58	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.355	75	41120			
69) 1,3,5-Trichlorobenzene	12.574	180	199602			
70) 1,2,4-trichlorobenzene	13.188	180	169130			
71) Naphthalene	13.432	128	428453	46.07	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	174522	49.66	ug/L	100

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

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