

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032825\
 Data File : VX045504.D
 Acq On : 28 Mar 2025 12:57
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV072

Quant Time: Mar 31 10:19:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML032825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 28 14:43:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	185643	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	168107	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	79143	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	75319	54.258	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 108.520%	
7) Chloroethane-d5	1.654	69	54786	60.245	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	= 120.500%	
11) 1,1-Dichloroethene-d2	2.294	65	41046	56.748	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 113.500%	
21) 2-Butanone-d5	4.452	46	103994	112.604	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	= 112.600%	
24) Chloroform-d	5.044	84	169655	55.070	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	= 110.140%	
26) 1,2-Dichloroethane-d4	5.940	65	114587	53.166	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.340%	
32) Benzene-d6	5.964	84	305974	56.142	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 112.280%	
36) 1,2-Dichloropropane-d6	7.299	67	96002	54.700	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 109.400%	
41) Toluene-d8	8.641	98	271688	55.207	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 110.420%	
43) trans-1,3-Dichloroprop...	8.945	79	42691	59.241	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 118.480%	
47) 2-Hexanone-d5	9.378	63	78004	116.535	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 116.530%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	129373	55.532	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 111.060%	
66) 1,2-Dichlorobenzene-d4	12.317	152	91086	54.142	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 108.280%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	111902	56.391	ug/L	100
3) Chloromethane	1.307	50	95541	54.537	ug/L	98
5) Vinyl chloride	1.374	62	86858	53.311	ug/L	99
6) Bromomethane	1.593	94	39433	54.130	ug/L	98
8) Chloroethane	1.672	64	45983	56.463	ug/L	95
9) Trichlorofluoromethane	1.880	101	128955	57.624	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	80202	56.252	ug/L	97
12) 1,1-Dichloroethene	2.313	96	70643	55.502	ug/L	84
13) Acetone	2.380	43	106619	121.841	ug/L	93
14) Carbon disulfide	2.502	76	191745	58.465	ug/L	100
15) Methyl Acetate	2.697	43	92960	53.496	ug/L	95
16) Methylene chloride	2.782	84	77866	52.802	ug/L	89
17) trans-1,2-Dichloroethene	3.087	96	71285	56.017	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	249932	56.582	ug/L	96
19) 1,1-Dichloroethane	3.599	63	147886	55.691	ug/L	100
20) cis-1,2-Dichloroethene	4.477	96	82087	56.013	ug/L	89
22) 2-Butanone	4.550	43	136383	107.407	ug/L	96
23) Bromochloromethane	4.885	128	39770	54.843	ug/L	89
25) Chloroform	5.080	83	153942	55.297	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	132377	55.360	ug/L	98
29) Cyclohexane	5.458	56	145309	57.018	ug/L	96
30) 1,1,1-Trichloroethane	5.373	97	129525	56.183	ug/L	95
31) Carbon tetrachloride	5.666	117	112843	56.438	ug/L	99
33) Benzene	6.025	78	304602	55.212	ug/L	100
34) Trichloroethene	7.117	95	82967	56.533	ug/L	97
35) Methylcyclohexane	7.373	83	135569	57.892	ug/L	96
37) 1,2-Dichloropropane	7.421	63	82647	55.256	ug/L	99
38) Bromodichloromethane	7.818	83	113116	55.061	ug/L	99
39) cis-1,3-Dichloropropene	8.360	75	133793	61.078	ug/L	98
40) 4-Methyl-2-pentanone	8.568	43	258654	112.946	ug/L	93
42) Toluene	8.714	91	317910	56.163	ug/L	100
44) trans-1,3-Dichloropropene	8.970	75	119865	58.734	ug/L	97
45) 1,1,2-Trichloroethane	9.147	97	78351	54.534	ug/L	99
46) Tetrachloroethene	9.269	164	56267	55.970	ug/L	98
48) 2-Hexanone	9.427	43	199810	115.744	ug/L	93
49) Dibromochloromethane	9.519	129	80973	56.490	ug/L	99
50) 1,2-Dibromoethane	9.604	107	80841	54.085	ug/L	98
51) Chlorobenzene	10.073	112	198108	55.784	ug/L	98
52) Ethylbenzene	10.189	91	360668	56.606	ug/L	99
53) m,p-Xylene	10.299	106	130159	56.352	ug/L	94
54) o-Xylene	10.640	106	129222	56.956	ug/L	99
55) Styrene	10.653	104	219490	57.807	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.207	83	124552	55.156	ug/L	99
59) Bromoform	10.799	173	53811	53.850	ug/L	99
60) Isopropylbenzene	10.957	105	351018	54.359	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	100347	51.997	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	295539	55.955	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	294245	56.756	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	145957	55.637	ug/L	100
65) 1,4-Dichlorobenzene	12.036	146	145004	55.430	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	142018	54.426	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	27102	52.230	ug/L	85
69) 1,3,5-Trichlorobenzene	13.109	180	95036	57.224	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	82289	56.186	ug/L	99
71) Naphthalene	13.774	128	299202	54.014	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	83914	55.746	ug/L	99

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

