

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
 Data File : VX048205.D
 Acq On : 17 Oct 2025 12:05
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101725

Quant Time: Oct 18 00:11:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 18 00:06:31 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	108	-0.01
2 T	Dichlorodifluoromethane	50.000	44.902	10.2	98	0.00
3 P	Chloromethane	50.000	44.667	10.7	101	0.00
4 C	Vinyl Chloride	50.000	46.893	6.2#	101	0.00
5 T	Bromomethane	50.000	46.950	6.1	104	0.00
6 T	Chloroethane	50.000	44.992	10.0	103	0.00
7 T	Trichlorofluoromethane	50.000	45.460	9.1	100	0.00
8 T	Diethyl Ether	50.000	44.816	10.4	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.681	6.6	103	0.00
10 T	Methyl Iodide	50.000	47.285	5.4	97	0.00
11 T	Tert butyl alcohol	250.000	228.526	8.6	104	0.00
12 CM	1,1-Dichloroethene	50.000	47.837	4.3#	105	0.00
13 T	Acrolein	250.000	194.704	22.1	91	0.00
14 T	Allyl chloride	50.000	46.221	7.6	102	0.00
15 T	Acrylonitrile	250.000	237.679	4.9	98	0.00
16 T	Acetone	250.000	219.841	12.1	100	0.00
17 T	Carbon Disulfide	50.000	44.693	10.6	99	0.00
18 T	Methyl Acetate	50.000	44.181	11.6	95	0.00
19 T	Methyl tert-butyl Ether	50.000	47.809	4.4	101	0.00
20 T	Methylene Chloride	50.000	46.010	8.0	100	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.325	7.3	98	0.00
22 T	Diisopropyl ether	50.000	47.419	5.2	101	0.00
23 T	Vinyl Acetate	250.000	243.116	2.8	100	0.00
24 P	1,1-Dichloroethane	50.000	45.685	8.6	101	0.00
25 T	2-Butanone	250.000	234.559	6.2	99	0.00
26 T	2,2-Dichloropropane	50.000	46.100	7.8	104	0.00
27 T	cis-1,2-Dichloroethene	50.000	45.892	8.2	99	0.00
28 T	Bromochloromethane	50.000	50.221	-0.4	103	0.00
29 T	Tetrahydrofuran	250.000	235.860	5.7	99	0.00
30 C	Chloroform	50.000	45.352	9.3#	102	-0.01
31 T	Cyclohexane	50.000	50.544	-1.1	112	0.00
32 T	1,1,1-Trichloroethane	50.000	48.873	2.3	109	0.00
33 S	1,2-Dichloroethane-d4	50.000	42.834	14.3	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35 S	Dibromofluoromethane	50.000	52.953	-5.9	113	0.00
36 T	1,1-Dichloropropene	50.000	46.767	6.5	95	0.00
37 T	Ethyl Acetate	50.000	51.026	-2.1	103	0.00
38 T	Carbon Tetrachloride	50.000	46.757	6.5	95	0.00
39 T	Methylcyclohexane	50.000	51.908	-3.8	104	0.00
40 TM	Benzene	50.000	49.346	1.3	100	0.00
41 T	Methacrylonitrile	50.000	53.600	-7.2	103	-0.01
42 TM	1,2-Dichloroethane	50.000	47.540	4.9	95	0.00
43 T	Isopropyl Acetate	50.000	52.082	-4.2	103	0.00
44 TM	Trichloroethene	50.000	48.776	2.4	102	0.00
45 C	1,2-Dichloropropane	50.000	49.205	1.6#	100	0.00
46 T	Dibromomethane	50.000	48.973	2.1	101	0.00
47 T	Bromodichloromethane	50.000	49.041	1.9	101	0.00
48 T	Methyl methacrylate	50.000	51.305	-2.6	101	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1125.868	-12.6	114	0.00
50 S	Toluene-d8	50.000	50.808	-1.6	105	0.00
51 T	4-Methyl-2-Pentanone	250.000	256.250	-2.5	99	0.00
52 CM	Toluene	50.000	51.136	-2.3#	101	0.00
53 T	t-1,3-Dichloropropene	50.000	51.942	-3.9	103	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.786	-3.6	103	0.00
55 T	1,1,2-Trichloroethane	50.000	49.609	0.8	101	0.00
56 T	Ethyl methacrylate	50.000	54.222	-8.4	102	0.00
57 T	1,3-Dichloropropane	50.000	49.659	0.7	100	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	237.458	5.0	105	0.00
59 T	2-Hexanone	250.000	259.657	-3.9	100	0.00
60 T	Dibromochloromethane	50.000	50.202	-0.4	101	0.00
61 T	1,2-Dibromoethane	50.000	49.670	0.7	100	0.00
62 S	4-Bromofluorobenzene	50.000	51.042	-2.1	108	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64 T	Tetrachloroethene	50.000	48.046	3.9	101	0.00
65 PM	Chlorobenzene	50.000	49.700	0.6	101	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.081	1.8	103	0.00
67 C	Ethyl Benzene	50.000	51.209	-2.4#	102	0.00
68 T	m/p-Xylenes	100.000	103.406	-3.4	102	0.00
69 T	o-Xylene	50.000	51.976	-4.0	102	0.00
70 T	Styrene	50.000	52.327	-4.7	101	0.00
71 P	Bromoform	50.000	49.037	1.9	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73 T	Isopropylbenzene	50.000	52.678	-5.4	102	0.00
74 T	N-ethyl acetate	50.000	52.597	-5.2	101	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.039	1.9	98	0.00
76 T	1,2,3-Trichloropropane	50.000	50.058	-0.1	98	0.00
77 T	Bromobenzene	50.000	50.132	-0.3	101	0.00
78 T	n-propylbenzene	50.000	52.522	-5.0	103	0.00
79 T	2-Chlorotoluene	50.000	51.064	-2.1	103	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.137	-6.3	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.831	-3.7	101	0.00
82 T	4-Chlorotoluene	50.000	52.207	-4.4	103	0.00
83 T	tert-Butylbenzene	50.000	51.730	-3.5	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.516	-7.0	103	0.00
85 T	sec-Butylbenzene	50.000	52.495	-5.0	105	0.00
86 T	p-Isopropyltoluene	50.000	51.902	-3.8	101	0.00
87 T	1,3-Dichlorobenzene	50.000	49.985	0.0	100	0.00
88 T	1,4-Dichlorobenzene	50.000	48.878	2.2	99	0.00
89 T	n-Butylbenzene	50.000	52.787	-5.6	103	0.00
90 T	Hexachloroethane	50.000	47.442	5.1	98	0.00
91 T	1,2-Dichlorobenzene	50.000	49.624	0.8	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.127	1.7	108	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.170	-4.3	104	0.00
94 T	Hexachlorobutadiene	50.000	52.452	-4.9	110	0.00
95 T	Naphthalene	50.000	54.943	-9.9	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.075	-6.2	100	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6