

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
 Data File : VX047179.D
 Acq On : 30 Jul 2025 09:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 31 03:12:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 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	92	0.00
2 T	Dichlorodifluoromethane	50.000	52.958	-5.9	84	0.00
3 P	Chloromethane	50.000	46.638	6.7	80	0.00
4 C	Vinyl Chloride	50.000	53.441	-6.9#	89	0.00
5 T	Bromomethane	50.000	46.208	7.6	73	0.01
6 T	Chloroethane	50.000	46.818	6.4	85	0.00
7 T	Trichlorofluoromethane	50.000	51.891	-3.8	87	0.00
8 T	Diethyl Ether	50.000	51.781	-3.6	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.544	0.9	86	0.00
10 T	Methyl Iodide	50.000	71.705	-43.4#	117	0.00
11 T	Tert butyl alcohol	250.000	253.432	-1.4	92	0.00
12 CM	1,1-Dichloroethene	50.000	50.692	-1.4#	87	0.00
13 T	Acrolein	250.000	214.925	14.0	76	0.00
14 T	Allyl chloride	50.000	43.324	13.4	73	0.00
15 T	Acrylonitrile	250.000	260.415	-4.2	86	0.00
16 T	Acetone	250.000	272.631	-9.1	99	0.00
17 T	Carbon Disulfide	50.000	46.453	7.1	80	0.00
18 T	Methyl Acetate	50.000	59.230	-18.5	105	0.00
19 T	Methyl tert-butyl Ether	50.000	53.159	-6.3	91	0.00
20 T	Methylene Chloride	50.000	49.847	0.3	87	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.410	1.2	84	0.00
22 T	Diisopropyl ether	50.000	52.284	-4.6	89	0.00
23 T	Vinyl Acetate	250.000	259.695	-3.9	86	0.00
24 P	1,1-Dichloroethane	50.000	50.773	-1.5	87	0.00
25 T	2-Butanone	250.000	252.721	-1.1	86	0.00
26 T	2,2-Dichloropropane	50.000	22.662	54.7#	40	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.179	1.6	85	0.00
28 T	Bromochloromethane	50.000	56.144	-12.3	95	0.00
29 T	Tetrahydrofuran	250.000	245.015	2.0	82	0.00
30 C	Chloroform	50.000	49.649	0.7#	87	0.00
31 T	Cyclohexane	50.000	46.520	7.0	82	0.00
32 T	1,1,1-Trichloroethane	50.000	49.735	0.5	87	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.937	-9.9	109	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	54.409	-8.8	110	0.00
36 T	1,1-Dichloropropene	50.000	45.635	8.7	85	0.00
37 T	Ethyl Acetate	50.000	49.841	0.3	91	0.00
38 T	Carbon Tetrachloride	50.000	47.751	4.5	87	0.00
39 T	Methylcyclohexane	50.000	43.783	12.4	79	0.00
40 TM	Benzene	50.000	47.164	5.7	84	0.00
41 T	Methacrylonitrile	50.000	47.295	5.4	79	0.00
42 TM	1,2-Dichloroethane	50.000	47.875	4.3	86	-0.01
43 T	Isopropyl Acetate	50.000	50.924	-1.8	87	-0.01
44 TM	Trichloroethene	50.000	45.965	8.1	83	0.00
45 C	1,2-Dichloropropane	50.000	47.342	5.3#	85	0.00
46 T	Dibromomethane	50.000	48.321	3.4	85	0.00
47 T	Bromodichloromethane	50.000	48.190	3.6	86	0.00
48 T	Methyl methacrylate	50.000	47.745	4.5	86	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

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

49 T	1,4-Dioxane	1000.000	1026.617	-2.7	89	0.06
50 S	Toluene-d8	50.000	50.063	-0.1	105	0.00
51 T	4-Methyl-2-Pentanone	250.000	241.492	3.4	84	0.00
52 CM	Toluene	50.000	46.836	6.3#	83	0.00
53 T	t-1,3-Dichloropropene	50.000	42.608	14.8	75	0.00
54 T	cis-1,3-Dichloropropene	50.000	42.401	15.2	74	0.00
55 T	1,1,2-Trichloroethane	50.000	47.159	5.7	85	0.00
56 T	Ethyl methacrylate	50.000	50.365	-0.7	85	0.00
57 T	1,3-Dichloropropane	50.000	46.645	6.7	84	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	240.779	3.7	83	0.00
59 T	2-Hexanone	250.000	249.075	0.4	83	0.00
60 T	Dibromochloromethane	50.000	48.987	2.0	88	0.00
61 T	1,2-Dibromoethane	50.000	46.318	7.4	83	0.00
62 S	4-Bromofluorobenzene	50.000	51.280	-2.6	104	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64 T	Tetrachloroethene	50.000	46.372	7.3	83	0.00
65 PM	Chlorobenzene	50.000	46.825	6.3	83	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.805	2.4	85	0.00
67 C	Ethyl Benzene	50.000	46.983	6.0#	81	0.00
68 T	m/p-Xylenes	100.000	93.807	6.2	82	0.00
69 T	o-Xylene	50.000	47.722	4.6	82	0.00
70 T	Styrene	50.000	47.836	4.3	82	0.00
71 P	Bromoform	50.000	49.914	0.2	86	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73 T	Isopropylbenzene	50.000	50.037	-0.1	82	0.00
74 T	N-ethyl acetate	50.000	50.817	-1.6	81	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.478	-1.0	84	0.00
76 T	1,2,3-Trichloropropane	50.000	49.265	1.5	82	0.00
77 T	Bromobenzene	50.000	49.311	1.4	82	0.00
78 T	n-propylbenzene	50.000	48.971	2.1	81	0.00
79 T	2-Chlorotoluene	50.000	48.751	2.5	81	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.301	1.4	82	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	29.342	41.3#	48	0.00
82 T	4-Chlorotoluene	50.000	48.878	2.2	81	0.00
83 T	tert-Butylbenzene	50.000	50.672	-1.3	83	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.636	0.7	81	0.00
85 T	sec-Butylbenzene	50.000	49.251	1.5	82	0.00
86 T	p-Isopropyltoluene	50.000	48.990	2.0	80	0.00
87 T	1,3-Dichlorobenzene	50.000	48.521	3.0	82	0.00
88 T	1,4-Dichlorobenzene	50.000	46.929	6.1	81	0.00
89 T	n-Butylbenzene	50.000	48.200	3.6	79	0.00
90 T	Hexachloroethane	50.000	50.230	-0.5	83	0.00
91 T	1,2-Dichlorobenzene	50.000	48.184	3.6	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.640	-7.3	87	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.170	3.7	80	0.00
94 T	Hexachlorobutadiene	50.000	48.287	3.4	82	0.00
95 T	Naphthalene	50.000	52.397	-4.8	83	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.102	1.8	82	0.00

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