

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047077.D
 Acq On : 23 Jul 2025 09:30
 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 24 05:42:25 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	112	0.00
2 T	Dichlorodifluoromethane	50.000	54.452	-8.9	105	0.00
3 P	Chloromethane	50.000	54.262	-8.5	114	0.00
4 C	Vinyl Chloride	50.000	51.362	-2.7#	104	0.00
5 T	Bromomethane	50.000	71.627	-43.3#	137	0.00
6 T	Chloroethane	50.000	45.675	8.7	101	0.00
7 T	Trichlorofluoromethane	50.000	50.835	-1.7	103	0.00
8 T	Diethyl Ether	50.000	48.366	3.3	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.257	1.5	104	0.00
10 T	Methyl Iodide	50.000	38.677	22.6	77	0.00
11 T	Tert butyl alcohol	250.000	201.345	19.5	90	0.00
12 CM	1,1-Dichloroethene	50.000	48.577	2.8#	101	0.00
13 T	Acrolein	250.000	282.299	-12.9	122	0.00
14 T	Allyl chloride	50.000	49.464	1.1	101	0.00
15 T	Acrylonitrile	250.000	238.115	4.8	96	0.00
16 T	Acetone	250.000	252.631	-1.1	112	0.00
17 T	Carbon Disulfide	50.000	48.006	4.0	101	0.00
18 T	Methyl Acetate	50.000	47.258	5.5	102	0.00
19 T	Methyl tert-butyl Ether	50.000	46.366	7.3	96	0.00
20 T	Methylene Chloride	50.000	46.396	7.2	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.945	4.1	99	0.00
22 T	Diisopropyl ether	50.000	47.905	4.2	99	0.00
23 T	Vinyl Acetate	250.000	239.529	4.2	97	0.00
24 P	1,1-Dichloroethane	50.000	46.964	6.1	98	0.00
25 T	2-Butanone	250.000	226.086	9.6	94	0.00
26 T	2,2-Dichloropropane	50.000	47.290	5.4	101	0.00
27 T	cis-1,2-Dichloroethene	50.000	45.911	8.2	97	-0.01
28 T	Bromochloromethane	50.000	47.501	5.0	97	0.00
29 T	Tetrahydrofuran	250.000	222.984	10.8	91	0.00
30 C	Chloroform	50.000	45.942	8.1#	98	0.00
31 T	Cyclohexane	50.000	44.811	10.4	96	0.00
32 T	1,1,1-Trichloroethane	50.000	46.093	7.8	98	-0.01
33 S	1,2-Dichloroethane-d4	50.000	47.056	5.9	114	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	113	0.00
35 S	Dibromofluoromethane	50.000	49.257	1.5	116	0.00
36 T	1,1-Dichloropropene	50.000	44.706	10.6	97	0.00
37 T	Ethyl Acetate	50.000	42.227	15.5	90	0.00
38 T	Carbon Tetrachloride	50.000	45.250	9.5	97	0.00
39 T	Methylcyclohexane	50.000	45.082	9.8	96	0.00
40 TM	Benzene	50.000	45.427	9.1	95	0.00
41 T	Methacrylonitrile	50.000	47.877	4.2	94	0.00
42 TM	1,2-Dichloroethane	50.000	46.246	7.5	97	0.00
43 T	Isopropyl Acetate	50.000	45.698	8.6	92	-0.01
44 TM	Trichloroethene	50.000	44.524	11.0	94	0.00
45 C	1,2-Dichloropropane	50.000	45.079	9.8#	95	0.00
46 T	Dibromomethane	50.000	45.915	8.2	94	0.00
47 T	Bromodichloromethane	50.000	45.743	8.5	95	0.00
48 T	Methyl methacrylate	50.000	43.250	13.5	91	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	900.080	10.0	91	0.00
50 S	Toluene-d8	50.000	45.097	9.8	110	0.00
51 T	4-Methyl-2-Pentanone	250.000	219.051	12.4	89	0.00
52 CM	Toluene	50.000	45.369	9.3#	94	0.00
53 T	t-1,3-Dichloropropene	50.000	46.088	7.8	95	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.878	6.2	95	0.00
55 T	1,1,2-Trichloroethane	50.000	44.403	11.2	94	0.00
56 T	Ethyl methacrylate	50.000	46.289	7.4	91	0.00
57 T	1,3-Dichloropropane	50.000	44.047	11.9	93	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	230.830	7.7	93	0.00
59 T	2-Hexanone	250.000	227.394	9.0	89	0.00
60 T	Dibromochloromethane	50.000	45.224	9.6	95	0.00
61 T	1,2-Dibromoethane	50.000	43.387	13.2	91	0.00
62 S	4-Bromofluorobenzene	50.000	45.654	8.7	109	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64 T	Tetrachloroethene	50.000	44.834	10.3	92	0.00
65 PM	Chlorobenzene	50.000	45.755	8.5	94	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	45.851	8.3	93	0.00
67 C	Ethyl Benzene	50.000	46.543	6.9#	93	0.00
68 T	m/p-Xylenes	100.000	92.402	7.6	93	0.00
69 T	o-Xylene	50.000	46.145	7.7	92	0.00
70 T	Styrene	50.000	46.511	7.0	92	0.00
71 P	Bromoform	50.000	46.029	7.9	91	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73 T	Isopropylbenzene	50.000	47.624	4.8	93	0.00
74 T	N-amyl acetate	50.000	46.841	6.3	89	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.358	9.3	90	0.00
76 T	1,2,3-Trichloropropane	50.000	45.801	8.4	91	0.00
77 T	Bromobenzene	50.000	46.563	6.9	92	0.00
78 T	n-propylbenzene	50.000	47.872	4.3	94	0.00
79 T	2-Chlorotoluene	50.000	46.665	6.7	93	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.303	5.4	93	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.765	6.5	92	0.00
82 T	4-Chlorotoluene	50.000	46.452	7.1	91	0.00
83 T	tert-Butylbenzene	50.000	47.246	5.5	92	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.361	5.3	92	0.00
85 T	sec-Butylbenzene	50.000	47.496	5.0	94	0.00
86 T	p-Isopropyltoluene	50.000	47.602	4.8	93	0.00
87 T	1,3-Dichlorobenzene	50.000	46.093	7.8	93	0.00
88 T	1,4-Dichlorobenzene	50.000	45.855	8.3	94	0.00
89 T	n-Butylbenzene	50.000	47.504	5.0	93	0.00
90 T	Hexachloroethane	50.000	47.882	4.2	95	0.00
91 T	1,2-Dichlorobenzene	50.000	45.325	9.3	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.299	9.4	87	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.921	6.2	93	0.00
94 T	Hexachlorobutadiene	50.000	49.769	0.5	101	0.00
95 T	Naphthalene	50.000	47.032	5.9	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.073	7.9	92	0.00

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