

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046961.D
 Acq On : 14 Jul 2025 09:16
 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 15 01:12:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 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	82	0.00
2 T	Dichlorodifluoromethane	50.000	50.960	-1.9	82	0.00
3 P	Chloromethane	50.000	45.634	8.7	77	0.00
4 C	Vinyl Chloride	50.000	49.613	0.8#	84	0.00
5 T	Bromomethane	50.000	49.866	0.3	83	0.00
6 T	Chloroethane	50.000	47.576	4.8	85	0.00
7 T	Trichlorofluoromethane	50.000	52.255	-4.5	88	0.00
8 T	Diethyl Ether	50.000	54.452	-8.9	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.163	-4.3	88	0.00
10 T	Methyl Iodide	50.000	40.609	18.8	65	0.00
11 T	Tert butyl alcohol	250.000	390.182	-56.1#	132	0.00
12 CM	1,1-Dichloroethene	50.000	51.020	-2.0#	87	0.00
13 T	Acrolein	250.000	230.897	7.6	80	0.00
14 T	Allyl chloride	50.000	53.830	-7.7	91	0.00
15 T	Acrylonitrile	250.000	294.614	-17.8	99	0.00
16 T	Acetone	250.000	285.701	-14.3	100	0.00
17 T	Carbon Disulfide	50.000	45.650	8.7	80	0.00
18 T	Methyl Acetate	50.000	71.131	-42.3#	114	0.00
19 T	Methyl tert-butyl Ether	50.000	60.996	-22.0	101	0.00
20 T	Methylene Chloride	50.000	51.825	-3.7	88	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.206	-0.4	85	0.00
22 T	Diisopropyl ether	50.000	56.362	-12.7	91	0.00
23 T	Vinyl Acetate	250.000	290.428	-16.2	94	0.00
24 P	1,1-Dichloroethane	50.000	52.993	-6.0	89	0.00
25 T	2-Butanone	250.000	310.834	-24.3	102	0.00
26 T	2,2-Dichloropropane	50.000	57.548	-15.1	98	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.571	-5.1	89	0.00
28 T	Bromochloromethane	50.000	52.488	-5.0	86	0.00
29 T	Tetrahydrofuran	250.000	314.945	-26.0#	103	0.00
30 C	Chloroform	50.000	52.487	-5.0#	89	0.00
31 T	Cyclohexane	50.000	48.675	2.7	82	0.00
32 T	1,1,1-Trichloroethane	50.000	54.360	-8.7	92	-0.01
33 S	1,2-Dichloroethane-d4	50.000	51.007	-2.0	86	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35 S	Dibromofluoromethane	50.000	49.532	0.9	83	0.00
36 T	1,1-Dichloropropene	50.000	49.651	0.7	87	0.00
37 T	Ethyl Acetate	50.000	55.543	-11.1	101	0.00
38 T	Carbon Tetrachloride	50.000	52.305	-4.6	89	-0.01
39 T	Methylcyclohexane	50.000	48.528	2.9	82	0.00
40 TM	Benzene	50.000	50.208	-0.4	86	-0.01
41 T	Methacrylonitrile	50.000	61.297	-22.6	100	0.00
42 TM	1,2-Dichloroethane	50.000	52.857	-5.7	91	0.00
43 T	Isopropyl Acetate	50.000	61.850	-23.7	100	0.00
44 TM	Trichloroethene	50.000	49.245	1.5	86	0.00
45 C	1,2-Dichloropropane	50.000	52.061	-4.1#	88	0.00
46 T	Dibromomethane	50.000	52.647	-5.3	89	0.00
47 T	Bromodichloromethane	50.000	53.321	-6.6	91	0.00
48 T	Methyl methacrylate	50.000	62.407	-24.8	100	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	1346.109	-34.6#	111	0.00
50 S	Toluene-d8	50.000	47.437	5.1	80	0.00
51 T	4-Methyl-2-Pentanone	250.000	308.906	-23.6	100	0.00
52 CM	Toluene	50.000	50.957	-1.9#	87	0.00
53 T	t-1,3-Dichloropropene	50.000	57.773	-15.5	95	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.076	-10.2	91	0.00
55 T	1,1,2-Trichloroethane	50.000	54.503	-9.0	92	0.00
56 T	Ethyl methacrylate	50.000	59.797	-19.6	97	0.00
57 T	1,3-Dichloropropane	50.000	52.297	-4.6	89	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	289.366	-15.7	91	0.00
59 T	2-Hexanone	250.000	321.033	-28.4#	102	0.00
60 T	Dibromochloromethane	50.000	53.995	-8.0	92	0.00
61 T	1,2-Dibromoethane	50.000	54.048	-8.1	91	0.00
62 S	4-Bromofluorobenzene	50.000	49.228	1.5	83	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64 T	Tetrachloroethene	50.000	48.111	3.8	85	0.00
65 PM	Chlorobenzene	50.000	50.435	-0.9	87	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.296	-6.6	90	0.00
67 C	Ethyl Benzene	50.000	50.977	-2.0#	86	0.00
68 T	m/p-Xylenes	100.000	101.630	-1.6	86	0.00
69 T	o-Xylene	50.000	51.192	-2.4	87	0.00
70 T	Styrene	50.000	52.392	-4.8	86	0.00
71 P	Bromoform	50.000	55.717	-11.4	94	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	82	0.00
73 T	Isopropylbenzene	50.000	53.529	-7.1	86	0.00
74 T	N-ethyl acetate	50.000	63.254	-26.5#	98	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	57.246	-14.5	95	0.00
76 T	1,2,3-Trichloropropane	50.000	59.079	-18.2	96	0.00
77 T	Bromobenzene	50.000	52.769	-5.5	87	0.00
78 T	n-propylbenzene	50.000	52.791	-5.6	86	0.00
79 T	2-Chlorotoluene	50.000	52.710	-5.4	88	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.955	-7.9	87	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	61.211	-22.4	100	0.00
82 T	4-Chlorotoluene	50.000	53.174	-6.3	87	0.00
83 T	tert-Butylbenzene	50.000	54.236	-8.5	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.020	-8.0	87	0.00
85 T	sec-Butylbenzene	50.000	53.085	-6.2	86	0.00
86 T	p-Isopropyltoluene	50.000	53.306	-6.6	87	0.00
87 T	1,3-Dichlorobenzene	50.000	52.505	-5.0	87	0.00
88 T	1,4-Dichlorobenzene	50.000	51.000	-2.0	88	0.00
89 T	n-Butylbenzene	50.000	52.767	-5.5	85	0.00
90 T	Hexachloroethane	50.000	54.739	-9.5	90	0.00
91 T	1,2-Dichlorobenzene	50.000	52.207	-4.4	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	64.157	-28.3#	105	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.095	-6.2	87	0.00
94 T	Hexachlorobutadiene	50.000	53.015	-6.0	87	0.00
95 T	Naphthalene	50.000	60.391	-20.8	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.736	-9.5	88	0.00

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