

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081425\
 Data File : VX047346.D
 Acq On : 14 Aug 2025 17:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 18 01:32:01 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	67	0.00
2 T	Dichlorodifluoromethane	50.000	44.552	10.9	52	0.00
3 P	Chloromethane	50.000	42.674	14.7	54	0.00
4 C	Vinyl Chloride	50.000	45.194	9.6#	55	0.00
5 T	Bromomethane	50.000	35.133	29.7#	40	0.00
6 T	Chloroethane	50.000	49.260	1.5	65	0.00
7 T	Trichlorofluoromethane	50.000	44.538	10.9	54	0.00
8 T	Diethyl Ether	50.000	50.082	-0.2	64	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	43.287	13.4	55	0.00
10 T	Methyl Iodide	50.000	71.083	-42.2#	85	0.00
11 T	Tert butyl alcohol	250.000	287.013	-14.8	76	0.00
12 CM	1,1-Dichloroethene	50.000	46.053	7.9#	58	0.00
13 T	Acrolein	250.000	269.492	-7.8	70	0.00
14 T	Allyl chloride	50.000	45.765	8.5	56	0.00
15 T	Acrylonitrile	250.000	280.605	-12.2	68	0.01
16 T	Acetone	250.000	274.381	-9.8	73	0.00
17 T	Carbon Disulfide	50.000	42.909	14.2	54	0.00
18 T	Methyl Acetate	50.000	65.409	-30.8#	85	0.00
19 T	Methyl tert-butyl Ether	50.000	52.161	-4.3	65	0.00
20 T	Methylene Chloride	50.000	49.279	1.4	63	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.436	5.1	59	0.00
22 T	Diisopropyl ether	50.000	51.450	-2.9	64	0.00
23 T	Vinyl Acetate	250.000	267.249	-6.9	65	0.00
24 P	1,1-Dichloroethane	50.000	48.604	2.8	61	0.00
25 T	2-Butanone	250.000	264.931	-6.0	66	0.00
26 T	2,2-Dichloropropane	50.000	45.732	8.5	59	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.009	2.0	62	0.00
28 T	Bromochloromethane	50.000	51.172	-2.3	63	0.00
29 T	Tetrahydrofuran	250.000	273.186	-9.3	67	0.01
30 C	Chloroform	50.000	50.059	-0.1#	65	0.00
31 T	Cyclohexane	50.000	40.057	19.9	52	0.00
32 T	1,1,1-Trichloroethane	50.000	46.599	6.8	60	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.745	-9.5	80	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	72	0.00
35 S	Dibromofluoromethane	50.000	47.213	5.6	71	0.00
36 T	1,1-Dichloropropene	50.000	40.742	18.5	56	0.00
37 T	Ethyl Acetate	50.000	56.537	-13.1	77	0.00
38 T	Carbon Tetrachloride	50.000	43.627	12.7	59	0.00
39 T	Methylcyclohexane	50.000	38.272	23.5	52	0.00
40 TM	Benzene	50.000	46.260	7.5	61	0.00
41 T	Methacrylonitrile	50.000	48.853	2.3	61	0.02
42 TM	1,2-Dichloroethane	50.000	48.749	2.5	65	0.00
43 T	Isopropyl Acetate	50.000	53.447	-6.9	68	0.00
44 TM	Trichloroethene	50.000	44.020	12.0	59	0.00
45 C	1,2-Dichloropropane	50.000	47.350	5.3#	64	0.00
46 T	Dibromomethane	50.000	51.312	-2.6	67	0.00
47 T	Bromodichloromethane	50.000	48.109	3.8	64	0.00
48 T	Methyl methacrylate	50.000	50.286	-0.6	68	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	970.369	3.0	63	0.02
50 S	Toluene-d8	50.000	49.520	1.0	77	0.00
51 T	4-Methyl-2-Pentanone	250.000	273.536	-9.4	71	0.00
52 CM	Toluene	50.000	46.158	7.7#	61	0.00
53 T	t-1,3-Dichloropropene	50.000	47.148	5.7	62	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.601	6.8	60	0.00
55 T	1,1,2-Trichloroethane	50.000	50.800	-1.6	68	0.00
56 T	Ethyl methacrylate	50.000	53.433	-6.9	67	0.00
57 T	1,3-Dichloropropane	50.000	49.129	1.7	66	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	218.383	12.6	56	0.00
59 T	2-Hexanone	250.000	291.456	-16.6	72	0.00
60 T	Dibromochloromethane	50.000	49.621	0.8	66	0.00
61 T	1,2-Dibromoethane	50.000	49.748	0.5	66	0.00
62 S	4-Bromofluorobenzene	50.000	45.296	9.4	69	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	74	0.00
64 T	Tetrachloroethene	50.000	41.472	17.1	59	0.00
65 PM	Chlorobenzene	50.000	44.744	10.5	63	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	45.994	8.0	64	0.00
67 C	Ethyl Benzene	50.000	43.616	12.8#	60	0.00
68 T	m/p-Xylenes	100.000	87.716	12.3	61	0.00
69 T	o-Xylene	50.000	45.384	9.2	63	0.00
70 T	Styrene	50.000	45.654	8.7	62	0.00
71 P	Bromoform	50.000	48.644	2.7	67	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73 T	Isopropylbenzene	50.000	42.699	14.6	60	0.00
74 T	N-ethyl acetate	50.000	46.606	6.8	64	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.195	1.6	71	0.00
76 T	1,2,3-Trichloropropane	50.000	46.914	6.2	68	0.00
77 T	Bromobenzene	50.000	44.295	11.4	64	0.00
78 T	n-propylbenzene	50.000	42.392	15.2	60	0.00
79 T	2-Chlorotoluene	50.000	43.408	13.2	62	0.00
80 T	1,3,5-Trimethylbenzene	50.000	42.983	14.0	62	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	19.981	60.0#	28	0.00
82 T	4-Chlorotoluene	50.000	43.498	13.0	62	0.00
83 T	tert-Butylbenzene	50.000	42.963	14.1	61	0.00
84 T	1,2,4-Trimethylbenzene	50.000	43.425	13.2	61	0.00
85 T	sec-Butylbenzene	50.000	41.609	16.8	60	0.00
86 T	p-Isopropyltoluene	50.000	41.656	16.7	59	0.00
87 T	1,3-Dichlorobenzene	50.000	43.475	13.0	63	0.00
88 T	1,4-Dichlorobenzene	50.000	43.352	13.3	65	0.00
89 T	n-Butylbenzene	50.000	41.429	17.1	59	0.00
90 T	Hexachloroethane	50.000	40.942	18.1	59	0.00
91 T	1,2-Dichlorobenzene	50.000	44.357	11.3	65	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.778	-5.6	74	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.566	10.9	64	0.00
94 T	Hexachlorobutadiene	50.000	42.074	15.9	62	0.00
95 T	Naphthalene	50.000	49.237	1.5	68	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	44.417	11.2	64	0.00

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