

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
 Data File : VY023057.D
 Acq On : 12 Aug 2025 17:53
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY081225

Quant Time: Aug 13 02:14:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 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	98	0.00
2 T	Dichlorodifluoromethane	50.000	41.579	16.8	96	0.00
3 P	Chloromethane	50.000	48.732	2.5	104	0.00
4 C	Vinyl Chloride	50.000	48.198	3.6#	100	0.00
5 T	Bromomethane	50.000	46.983	6.0	104	0.00
6 T	Chloroethane	50.000	48.923	2.2	101	0.00
7 T	Trichlorofluoromethane	50.000	47.003	6.0	98	0.00
8 T	Diethyl Ether	50.000	47.787	4.4	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.725	4.5	99	0.00
10 T	Methyl Iodide	50.000	51.340	-2.7	97	0.00
11 T	Tert butyl alcohol	250.000	245.940	1.6	99	0.00
12 CM	1,1-Dichloroethene	50.000	47.686	4.6#	97	0.00
13 T	Acrolein	250.000	222.008	11.2	93	0.00
14 T	Allyl chloride	50.000	47.317	5.4	96	0.00
15 T	Acrylonitrile	250.000	242.779	2.9	96	0.00
16 T	Acetone	250.000	210.695	15.7	83	0.00
17 T	Carbon Disulfide	50.000	46.948	6.1	97	0.00
18 T	Methyl Acetate	50.000	51.972	-3.9	97	0.00
19 T	Methyl tert-butyl Ether	50.000	49.899	0.2	99	0.00
20 T	Methylene Chloride	50.000	49.960	0.1	103	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.765	2.5	99	0.00
22 T	Diisopropyl ether	50.000	50.011	-0.0	100	0.00
23 T	Vinyl Acetate	250.000	242.360	3.1	96	0.00
24 P	1,1-Dichloroethane	50.000	48.551	2.9	98	0.00
25 T	2-Butanone	250.000	230.028	8.0	89	0.00
26 T	2,2-Dichloropropane	50.000	45.475	9.0	92	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.720	2.6	99	0.00
28 T	Bromochloromethane	50.000	50.275	-0.5	101	0.00
29 T	Tetrahydrofuran	250.000	247.420	1.0	97	0.00
30 C	Chloroform	50.000	48.450	3.1#	98	0.00
31 T	Cyclohexane	50.000	46.526	6.9	99	0.00
32 T	1,1,1-Trichloroethane	50.000	48.933	2.1	99	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.038	-0.1	101	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35 S	Dibromofluoromethane	50.000	50.179	-0.4	102	0.00
36 T	1,1-Dichloropropene	50.000	48.193	3.6	98	0.00
37 T	Ethyl Acetate	50.000	49.621	0.8	98	0.00
38 T	Carbon Tetrachloride	50.000	48.030	3.9	99	0.00
39 T	Methylcyclohexane	50.000	49.625	0.8	102	0.00
40 TM	Benzene	50.000	48.428	3.1	99	0.00
41 T	Methacrylonitrile	50.000	48.269	3.5	94	0.00
42 TM	1,2-Dichloroethane	50.000	48.162	3.7	98	0.00
43 T	Isopropyl Acetate	50.000	49.094	1.8	99	0.00
44 TM	Trichloroethene	50.000	47.803	4.4	98	0.00
45 C	1,2-Dichloropropane	50.000	48.961	2.1#	99	0.00
46 T	Dibromomethane	50.000	48.679	2.6	98	0.00
47 T	Bromodichloromethane	50.000	49.463	1.1	99	0.00
48 T	Methyl methacrylate	50.000	50.520	-1.0	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	971.749	2.8	97	0.00
50 S	Toluene-d8	50.000	49.306	1.4	100	0.00
51 T	4-Methyl-2-Pentanone	250.000	248.943	0.4	97	0.00
52 CM	Toluene	50.000	48.963	2.1#	99	0.00
53 T	t-1,3-Dichloropropene	50.000	49.699	0.6	99	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.965	2.1	98	0.00
55 T	1,1,2-Trichloroethane	50.000	48.867	2.3	98	0.00
56 T	Ethyl methacrylate	50.000	50.779	-1.6	98	0.00
57 T	1,3-Dichloropropane	50.000	49.228	1.5	99	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	273.240	-9.3	102	0.00
59 T	2-Hexanone	250.000	244.812	2.1	94	0.00
60 T	Dibromochloromethane	50.000	49.810	0.4	99	0.00
61 T	1,2-Dibromoethane	50.000	49.197	1.6	98	0.00
62 S	4-Bromofluorobenzene	50.000	51.500	-3.0	104	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64 T	Tetrachloroethene	50.000	45.512	9.0	94	0.00
65 PM	Chlorobenzene	50.000	48.275	3.5	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.815	2.4	99	0.00
67 C	Ethyl Benzene	50.000	49.163	1.7#	99	0.00
68 T	m/p-Xylenes	100.000	98.515	1.5	100	0.00
69 T	o-Xylene	50.000	49.645	0.7	99	0.00
70 T	Styrene	50.000	50.733	-1.5	101	0.00
71 P	Bromoform	50.000	48.525	3.0	98	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73 T	Isopropylbenzene	50.000	49.876	0.2	100	0.00
74 T	N-ethyl acetate	50.000	50.529	-1.1	98	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.350	1.3	102	0.00
76 T	1,2,3-Trichloropropane	50.000	46.136	7.7	83	0.00
77 T	Bromobenzene	50.000	49.004	2.0	99	0.00
78 T	n-propylbenzene	50.000	50.853	-1.7	101	0.00
79 T	2-Chlorotoluene	50.000	49.898	0.2	101	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.916	-1.8	101	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.409	1.2	100	0.00
82 T	4-Chlorotoluene	50.000	49.505	1.0	100	0.00
83 T	tert-Butylbenzene	50.000	50.443	-0.9	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.042	-2.1	102	0.00
85 T	sec-Butylbenzene	50.000	51.154	-2.3	102	0.00
86 T	p-Isopropyltoluene	50.000	51.639	-3.3	102	0.00
87 T	1,3-Dichlorobenzene	50.000	49.639	0.7	102	0.00
88 T	1,4-Dichlorobenzene	50.000	48.514	3.0	100	0.00
89 T	n-Butylbenzene	50.000	51.594	-3.2	102	0.00
90 T	Hexachloroethane	50.000	50.617	-1.2	103	0.00
91 T	1,2-Dichlorobenzene	50.000	49.234	1.5	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.085	-0.2	99	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.363	1.3	100	0.00
94 T	Hexachlorobutadiene	50.000	48.344	3.3	99	0.00
95 T	Naphthalene	50.000	51.623	-3.2	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.735	2.5	100	0.00

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