

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082525\
 Data File : VY023200.D
 Acq On : 25 Aug 2025 09:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 25 23:43:46 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	95	0.00
2 T	Dichlorodifluoromethane	50.000	41.751	16.5	93	0.00
3 P	Chloromethane	50.000	42.923	14.2	89	0.00
4 C	Vinyl Chloride	50.000	45.698	8.6#	92	0.00
5 T	Bromomethane	50.000	46.964	6.1	101	0.00
6 T	Chloroethane	50.000	47.793	4.4	96	0.00
7 T	Trichlorofluoromethane	50.000	46.613	6.8	94	0.00
8 T	Diethyl Ether	50.000	47.954	4.1	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.155	1.7	99	0.01
10 T	Methyl Iodide	50.000	54.117	-8.2	99	0.00
11 T	Tert butyl alcohol	250.000	215.673	13.7	84	0.00
12 CM	1,1-Dichloroethene	50.000	48.478	3.0#	96	0.00
13 T	Acrolein	250.000	78.156	68.7#	32	0.00
14 T	Allyl chloride	50.000	45.022	10.0	88	0.00
15 T	Acrylonitrile	250.000	239.674	4.1	92	0.00
16 T	Acetone	250.000	267.231	-6.9	101	0.00
17 T	Carbon Disulfide	50.000	45.298	9.4	91	0.00
18 T	Methyl Acetate	50.000	44.273	11.5	80	0.00
19 T	Methyl tert-butyl Ether	50.000	48.150	3.7	92	0.00
20 T	Methylene Chloride	50.000	49.890	0.2	100	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.347	1.3	97	0.01
22 T	Diisopropyl ether	50.000	47.312	5.4	92	0.00
23 T	Vinyl Acetate	250.000	238.505	4.6	92	0.00
24 P	1,1-Dichloroethane	50.000	48.075	3.8	94	0.00
25 T	2-Butanone	250.000	244.178	2.3	92	0.00
26 T	2,2-Dichloropropane	50.000	49.134	1.7	96	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.490	1.0	97	0.00
28 T	Bromochloromethane	50.000	45.958	8.1	89	0.00
29 T	Tetrahydrofuran	250.000	231.550	7.4	88	0.00
30 C	Chloroform	50.000	48.879	2.2#	96	0.00
31 T	Cyclohexane	50.000	43.196	13.6	89	0.00
32 T	1,1,1-Trichloroethane	50.000	48.784	2.4	95	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.095	9.8	88	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35 S	Dibromofluoromethane	50.000	49.864	0.3	93	0.00
36 T	1,1-Dichloropropene	50.000	49.880	0.2	93	0.00
37 T	Ethyl Acetate	50.000	49.737	0.5	90	0.00
38 T	Carbon Tetrachloride	50.000	51.334	-2.7	97	0.00
39 T	Methylcyclohexane	50.000	49.720	0.6	94	0.00
40 TM	Benzene	50.000	50.575	-1.2	95	0.00
41 T	Methacrylonitrile	50.000	45.690	8.6	82	0.00
42 TM	1,2-Dichloroethane	50.000	49.126	1.7	92	0.00
43 T	Isopropyl Acetate	50.000	47.872	4.3	88	0.00
44 TM	Trichloroethene	50.000	53.302	-6.6	101	0.00
45 C	1,2-Dichloropropane	50.000	50.855	-1.7#	95	0.00
46 T	Dibromomethane	50.000	52.225	-4.5	96	0.00
47 T	Bromodichloromethane	50.000	51.708	-3.4	95	0.00
48 T	Methyl methacrylate	50.000	48.077	3.8	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	983.254	1.7	90	0.00
50 S	Toluene-d8	50.000	49.149	1.7	91	0.00
51 T	4-Methyl-2-Pentanone	250.000	248.943	0.4	89	0.00
52 CM	Toluene	50.000	51.679	-3.4#	95	0.00
53 T	t-1,3-Dichloropropene	50.000	50.886	-1.8	93	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.034	-2.1	93	0.00
55 T	1,1,2-Trichloroethane	50.000	51.920	-3.8	96	0.00
56 T	Ethyl methacrylate	50.000	51.863	-3.7	91	0.00
57 T	1,3-Dichloropropane	50.000	51.111	-2.2	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	254.487	-1.8	87	0.00
59 T	2-Hexanone	250.000	259.418	-3.8	92	0.00
60 T	Dibromochloromethane	50.000	53.646	-7.3	98	0.00
61 T	1,2-Dibromoethane	50.000	52.640	-5.3	97	0.00
62 S	4-Bromofluorobenzene	50.000	49.429	1.1	91	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	57.068	-14.1	107	0.00
65 PM	Chlorobenzene	50.000	52.248	-4.5	97	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.577	-7.2	99	0.00
67 C	Ethyl Benzene	50.000	52.103	-4.2#	95	0.00
68 T	m/p-Xylenes	100.000	105.947	-5.9	97	0.00
69 T	o-Xylene	50.000	52.817	-5.6	95	0.00
70 T	Styrene	50.000	54.087	-8.2	97	0.00
71 P	Bromoform	50.000	54.237	-8.5	99	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73 T	Isopropylbenzene	50.000	51.175	-2.3	97	0.00
74 T	N-amyl acetate	50.000	47.664	4.7	87	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.667	4.7	92	0.00
76 T	1,2,3-Trichloropropane	50.000	43.419	13.2	73	0.00
77 T	Bromobenzene	50.000	51.321	-2.6	98	0.00
78 T	n-propylbenzene	50.000	50.975	-2.0	95	0.00
79 T	2-Chlorotoluene	50.000	50.475	-1.0	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.061	-2.1	96	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.893	4.2	91	0.00
82 T	4-Chlorotoluene	50.000	49.380	1.2	94	0.00
83 T	tert-Butylbenzene	50.000	51.799	-3.6	97	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.357	-2.7	96	0.00
85 T	sec-Butylbenzene	50.000	51.719	-3.4	97	0.00
86 T	p-Isopropyltoluene	50.000	52.451	-4.9	98	0.00
87 T	1,3-Dichlorobenzene	50.000	51.798	-3.6	100	0.00
88 T	1,4-Dichlorobenzene	50.000	51.240	-2.5	99	0.00
89 T	n-Butylbenzene	50.000	51.551	-3.1	96	0.00
90 T	Hexachloroethane	50.000	51.385	-2.8	98	0.00
91 T	1,2-Dichlorobenzene	50.000	52.117	-4.2	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.511	5.0	88	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.110	-2.2	98	0.00
94 T	Hexachlorobutadiene	50.000	51.477	-3.0	100	0.00
95 T	Naphthalene	50.000	51.400	-2.8	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.049	-2.1	99	0.00

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