

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043025\
 Data File : VY022070.D
 Acq On : 30 Apr 2025 09:20
 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: May 01 01:30:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 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	93	0.00
2 T	Dichlorodifluoromethane	50.000	42.366	15.3	86	0.00
3 P	Chloromethane	50.000	49.217	1.6	92	0.00
4 C	Vinyl Chloride	50.000	48.485	3.0#	92	0.00
5 T	Bromomethane	50.000	48.836	2.3	98	0.00
6 T	Chloroethane	50.000	49.426	1.1	95	0.00
7 T	Trichlorofluoromethane	50.000	48.131	3.7	92	0.00
8 T	Diethyl Ether	50.000	45.309	9.4	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.461	7.1	94	0.00
10 T	Methyl Iodide	50.000	47.649	4.7	87	0.00
11 T	Tert butyl alcohol	250.000	232.610	7.0	84	0.00
12 CM	1,1-Dichloroethene	50.000	46.160	7.7#	91	0.00
13 T	Acrolein	250.000	200.739	19.7	80	0.00
14 T	Allyl chloride	50.000	45.279	9.4	88	0.00
15 T	Acrylonitrile	250.000	242.384	3.0	91	0.00
16 T	Acetone	250.000	250.445	-0.2	89	0.00
17 T	Carbon Disulfide	50.000	45.535	8.9	90	0.00
18 T	Methyl Acetate	50.000	59.556	-19.1	107	0.00
19 T	Methyl tert-butyl Ether	50.000	49.235	1.5	90	0.00
20 T	Methylene Chloride	50.000	44.420	11.2	91	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.234	5.5	92	0.00
22 T	Diisopropyl ether	50.000	48.962	2.1	91	0.00
23 T	Vinyl Acetate	250.000	241.385	3.4	87	0.00
24 P	1,1-Dichloroethane	50.000	47.305	5.4	92	0.00
25 T	2-Butanone	250.000	243.287	2.7	90	0.00
26 T	2,2-Dichloropropane	50.000	48.194	3.6	95	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.217	3.6	91	0.00
28 T	Bromochloromethane	50.000	49.578	0.8	93	0.00
29 T	Tetrahydrofuran	250.000	253.279	-1.3	88	0.00
30 C	Chloroform	50.000	49.480	1.0#	95	0.00
31 T	Cyclohexane	50.000	45.589	8.8	92	0.00
32 T	1,1,1-Trichloroethane	50.000	48.346	3.3	95	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.797	4.4	88	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35 S	Dibromofluoromethane	50.000	51.071	-2.1	90	0.00
36 T	1,1-Dichloropropene	50.000	50.518	-1.0	92	0.00
37 T	Ethyl Acetate	50.000	50.914	-1.8	88	0.00
38 T	Carbon Tetrachloride	50.000	51.231	-2.5	94	0.00
39 T	Methylcyclohexane	50.000	49.776	0.4	89	0.00
40 TM	Benzene	50.000	51.650	-3.3	94	0.00
41 T	Methacrylonitrile	50.000	52.602	-5.2	87	0.00
42 TM	1,2-Dichloroethane	50.000	52.289	-4.6	94	0.00
43 T	Isopropyl Acetate	50.000	50.705	-1.4	87	0.00
44 TM	Trichloroethene	50.000	50.102	-0.2	92	0.00
45 C	1,2-Dichloropropane	50.000	52.280	-4.6#	94	0.00
46 T	Dibromomethane	50.000	53.622	-7.2	96	0.00
47 T	Bromodichloromethane	50.000	52.951	-5.9	95	0.00
48 T	Methyl methacrylate	50.000	54.519	-9.0	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1132.484	-13.2	100	0.00
50 S	Toluene-d8	50.000	51.302	-2.6	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	282.021	-12.8	92	0.00
52 CM	Toluene	50.000	52.558	-5.1#	93	0.00
53 T	t-1,3-Dichloropropene	50.000	52.943	-5.9	92	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.602	-5.2	93	0.00
55 T	1,1,2-Trichloroethane	50.000	54.162	-8.3	95	0.00
56 T	Ethyl methacrylate	50.000	54.864	-9.7	89	0.00
57 T	1,3-Dichloropropane	50.000	53.116	-6.2	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	284.170	-13.7	89	0.00
59 T	2-Hexanone	250.000	285.628	-14.3	92	0.00
60 T	Dibromochloromethane	50.000	55.529	-11.1	98	0.00
61 T	1,2-Dibromoethane	50.000	54.866	-9.7	97	0.00
62 S	4-Bromofluorobenzene	50.000	51.957	-3.9	90	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64 T	Tetrachloroethene	50.000	44.986	10.0	85	0.00
65 PM	Chlorobenzene	50.000	50.303	-0.6	95	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.798	-3.6	97	0.00
67 C	Ethyl Benzene	50.000	50.916	-1.8#	93	0.00
68 T	m/p-Xylenes	100.000	105.256	-5.3	96	0.00
69 T	o-Xylene	50.000	52.408	-4.8	94	0.00
70 T	Styrene	50.000	53.858	-7.7	95	0.00
71 P	Bromoform	50.000	53.605	-7.2	98	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	48.826	2.3	93	0.00
74 T	N-amyl acetate	50.000	46.530	6.9	86	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.775	-3.5	101	0.00
76 T	1,2,3-Trichloropropane	50.000	49.063	1.9	99	0.00
77 T	Bromobenzene	50.000	49.414	1.2	96	0.00
78 T	n-propylbenzene	50.000	49.435	1.1	94	0.00
79 T	2-Chlorotoluene	50.000	48.782	2.4	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.473	-0.9	94	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.837	0.3	95	0.00
82 T	4-Chlorotoluene	50.000	49.467	1.1	95	0.00
83 T	tert-Butylbenzene	50.000	50.602	-1.2	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.523	-3.0	97	0.00
85 T	sec-Butylbenzene	50.000	49.583	0.8	94	0.00
86 T	p-Isopropyltoluene	50.000	50.332	-0.7	95	0.00
87 T	1,3-Dichlorobenzene	50.000	49.973	0.1	99	0.00
88 T	1,4-Dichlorobenzene	50.000	49.057	1.9	98	0.00
89 T	n-Butylbenzene	50.000	49.300	1.4	94	0.00
90 T	Hexachloroethane	50.000	48.750	2.5	98	0.00
91 T	1,2-Dichlorobenzene	50.000	50.137	-0.3	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.389	5.2	96	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.292	-0.6	98	0.00
94 T	Hexachlorobutadiene	50.000	49.134	1.7	101	0.00
95 T	Naphthalene	50.000	51.796	-3.6	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.291	-2.6	101	0.00

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