

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
 Data File : VY022968.D
 Acq On : 08 Jul 2025 11:15
 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: Jul 09 02:28:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 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	91	0.00
2 T	Dichlorodifluoromethane	50.000	41.443	17.1	76	0.00
3 P	Chloromethane	50.000	49.842	0.3	93	0.00
4 C	Vinyl Chloride	50.000	47.314	5.4#	84	0.00
5 T	Bromomethane	50.000	47.667	4.7	90	0.00
6 T	Chloroethane	50.000	48.847	2.3	87	0.00
7 T	Trichlorofluoromethane	50.000	46.632	6.7	82	0.00
8 T	Diethyl Ether	50.000	48.788	2.4	86	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.163	5.7	86	0.00
10 T	Methyl Iodide	50.000	48.422	3.2	79	0.00
11 T	Tert butyl alcohol	250.000	235.303	5.9	83	0.00
12 CM	1,1-Dichloroethene	50.000	47.023	6.0#	84	-0.01
13 T	Acrolein	250.000	83.964	66.4#	31	0.00
14 T	Allyl chloride	50.000	49.997	0.0	88	-0.01
15 T	Acrylonitrile	250.000	262.553	-5.0	92	0.00
16 T	Acetone	250.000	289.462	-15.8	116	0.00
17 T	Carbon Disulfide	50.000	44.901	10.2	80	0.00
18 T	Methyl Acetate	50.000	50.618	-1.2	91	0.00
19 T	Methyl tert-butyl Ether	50.000	49.858	0.3	87	-0.01
20 T	Methylene Chloride	50.000	47.915	4.2	98	-0.01
21 T	trans-1,2-Dichloroethene	50.000	47.049	5.9	83	-0.01
22 T	Diisopropyl ether	50.000	51.474	-2.9	90	0.00
23 T	Vinyl Acetate	250.000	262.885	-5.2	90	-0.01
24 P	1,1-Dichloroethane	50.000	49.518	1.0	87	0.00
25 T	2-Butanone	250.000	269.483	-7.8	98	0.00
26 T	2,2-Dichloropropane	50.000	50.632	-1.3	91	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.679	4.6	85	0.00
28 T	Bromochloromethane	50.000	51.699	-3.4	90	0.00
29 T	Tetrahydrofuran	250.000	260.023	-4.0	90	0.00
30 C	Chloroform	50.000	48.631	2.7#	86	0.00
31 T	Cyclohexane	50.000	46.976	6.0	86	0.00
32 T	1,1,1-Trichloroethane	50.000	48.538	2.9	86	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.734	2.5	88	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35 S	Dibromofluoromethane	50.000	49.453	1.1	88	0.00
36 T	1,1-Dichloropropene	50.000	48.977	2.0	86	0.00
37 T	Ethyl Acetate	50.000	52.975	-6.0	91	-0.01
38 T	Carbon Tetrachloride	50.000	48.919	2.2	86	0.00
39 T	Methylcyclohexane	50.000	48.805	2.4	84	0.00
40 TM	Benzene	50.000	49.535	0.9	85	0.00
41 T	Methacrylonitrile	50.000	51.782	-3.6	94	-0.01
42 TM	1,2-Dichloroethane	50.000	50.549	-1.1	87	0.00
43 T	Isopropyl Acetate	50.000	51.720	-3.4	87	0.00
44 TM	Trichloroethene	50.000	48.699	2.6	83	0.00
45 C	1,2-Dichloropropane	50.000	50.787	-1.6#	88	0.00
46 T	Dibromomethane	50.000	48.856	2.3	86	0.00
47 T	Bromodichloromethane	50.000	49.662	0.7	86	0.00
48 T	Methyl methacrylate	50.000	53.055	-6.1	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	935.983	6.4	80	0.00
50 S	Toluene-d8	50.000	49.563	0.9	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	274.263	-9.7	91	0.00
52 CM	Toluene	50.000	49.927	0.1#	86	0.00
53 T	t-1,3-Dichloropropene	50.000	50.875	-1.8	88	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.096	-2.2	88	0.00
55 T	1,1,2-Trichloroethane	50.000	50.234	-0.5	86	0.00
56 T	Ethyl methacrylate	50.000	52.806	-5.6	87	0.00
57 T	1,3-Dichloropropane	50.000	50.936	-1.9	88	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	250.384	-0.2	91	0.00
59 T	2-Hexanone	250.000	277.252	-10.9	93	0.00
60 T	Dibromochloromethane	50.000	49.752	0.5	85	0.00
61 T	1,2-Dibromoethane	50.000	50.571	-1.1	87	0.00
62 S	4-Bromofluorobenzene	50.000	49.655	0.7	89	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64 T	Tetrachloroethene	50.000	47.532	4.9	77	0.00
65 PM	Chlorobenzene	50.000	49.587	0.8	86	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.613	2.8	83	0.00
67 C	Ethyl Benzene	50.000	50.283	-0.6#	85	0.00
68 T	m/p-Xylenes	100.000	100.827	-0.8	85	0.00
69 T	o-Xylene	50.000	50.241	-0.5	85	0.00
70 T	Styrene	50.000	50.745	-1.5	85	0.00
71 P	Bromoform	50.000	50.562	-1.1	87	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	49.876	0.2	85	0.00
74 T	N-amyl acetate	50.000	55.468	-10.9	89	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.075	-4.2	95	0.00
76 T	1,2,3-Trichloropropane	50.000	46.616	6.8	81	0.00
77 T	Bromobenzene	50.000	48.689	2.6	83	0.00
78 T	n-propylbenzene	50.000	50.851	-1.7	87	0.00
79 T	2-Chlorotoluene	50.000	49.747	0.5	85	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.436	-0.9	86	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.600	-7.2	95	0.00
82 T	4-Chlorotoluene	50.000	49.348	1.3	84	0.00
83 T	tert-Butylbenzene	50.000	51.713	-3.4	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.709	-1.4	85	0.00
85 T	sec-Butylbenzene	50.000	51.047	-2.1	86	0.00
86 T	p-Isopropyltoluene	50.000	51.071	-2.1	86	0.00
87 T	1,3-Dichlorobenzene	50.000	49.630	0.7	85	0.00
88 T	1,4-Dichlorobenzene	50.000	48.945	2.1	84	0.00
89 T	n-Butylbenzene	50.000	51.532	-3.1	87	0.00
90 T	Hexachloroethane	50.000	49.824	0.4	85	0.00
91 T	1,2-Dichlorobenzene	50.000	49.040	1.9	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.996	-2.0	87	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.159	3.7	83	0.00
94 T	Hexachlorobutadiene	50.000	47.395	5.2	84	0.00
95 T	Naphthalene	50.000	50.229	-0.5	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.831	4.3	83	0.00

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