

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081925\
 Data File : VY023160.D
 Acq On : 19 Aug 2025 19:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 20 01:34:40 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	84	0.00
2 T	Dichlorodifluoromethane	50.000	39.160	21.7	77	0.00
3 P	Chloromethane	50.000	46.137	7.7	85	0.00
4 C	Vinyl Chloride	50.000	47.848	4.3#	86	0.00
5 T	Bromomethane	50.000	50.342	-0.7	96	0.00
6 T	Chloroethane	50.000	50.860	-1.7	90	0.00
7 T	Trichlorofluoromethane	50.000	44.950	10.1	80	0.00
8 T	Diethyl Ether	50.000	46.597	6.8	82	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.085	9.8	81	0.00
10 T	Methyl Iodide	50.000	54.928	-9.9	89	0.00
11 T	Tert butyl alcohol	250.000	211.323	15.5	73	0.00
12 CM	1,1-Dichloroethene	50.000	47.120	5.8#	83	0.00
13 T	Acrolein	250.000	110.581	55.8#	40	0.00
14 T	Allyl chloride	50.000	44.800	10.4	78	0.00
15 T	Acrylonitrile	250.000	235.673	5.7	80	0.00
16 T	Acetone	250.000	187.073	25.2#	63	0.00
17 T	Carbon Disulfide	50.000	46.066	7.9	82	0.00
18 T	Methyl Acetate	50.000	50.290	-0.6	81	0.00
19 T	Methyl tert-butyl Ether	50.000	47.480	5.0	81	0.00
20 T	Methylene Chloride	50.000	50.247	-0.5	89	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.119	-0.2	87	0.01
22 T	Diisopropyl ether	50.000	47.919	4.2	82	0.00
23 T	Vinyl Acetate	250.000	223.289	10.7	76	0.00
24 P	1,1-Dichloroethane	50.000	49.522	1.0	86	0.00
25 T	2-Butanone	250.000	210.456	15.8	70	0.01
26 T	2,2-Dichloropropane	50.000	44.729	10.5	78	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.390	-0.8	87	0.00
28 T	Bromochloromethane	50.000	49.712	0.6	86	0.00
29 T	Tetrahydrofuran	250.000	223.965	10.4	75	0.00
30 C	Chloroform	50.000	50.699	-1.4#	88	0.00
31 T	Cyclohexane	50.000	42.047	15.9	77	0.00
32 T	1,1,1-Trichloroethane	50.000	49.443	1.1	86	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.322	1.4	86	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35 S	Dibromofluoromethane	50.000	49.903	0.2	86	0.00
36 T	1,1-Dichloropropene	50.000	47.746	4.5	83	0.00
37 T	Ethyl Acetate	50.000	44.444	11.1	75	0.00
38 T	Carbon Tetrachloride	50.000	48.612	2.8	85	0.00
39 T	Methylcyclohexane	50.000	45.580	8.8	80	0.00
40 TM	Benzene	50.000	50.170	-0.3	87	0.00
41 T	Methacrylonitrile	50.000	41.877	16.2	70	0.00
42 TM	1,2-Dichloroethane	50.000	48.835	2.3	85	0.00
43 T	Isopropyl Acetate	50.000	44.694	10.6	77	0.00
44 TM	Trichloroethene	50.000	51.782	-3.6	91	0.00
45 C	1,2-Dichloropropane	50.000	49.829	0.3#	86	0.00
46 T	Dibromomethane	50.000	49.971	0.1	86	0.00
47 T	Bromodichloromethane	50.000	50.703	-1.4	87	0.00
48 T	Methyl methacrylate	50.000	45.021	10.0	74	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	946.444	5.4	81	0.00
50 S	Toluene-d8	50.000	50.853	-1.7	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	231.971	7.2	77	0.00
52 CM	Toluene	50.000	51.179	-2.4#	88	0.00
53 T	t-1,3-Dichloropropene	50.000	48.297	3.4	82	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.751	2.5	83	0.00
55 T	1,1,2-Trichloroethane	50.000	50.180	-0.4	86	0.00
56 T	Ethyl methacrylate	50.000	48.375	3.3	80	0.00
57 T	1,3-Dichloropropane	50.000	48.952	2.1	84	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	259.330	-3.7	83	0.00
59 T	2-Hexanone	250.000	225.681	9.7	74	0.00
60 T	Dibromochloromethane	50.000	51.365	-2.7	88	0.00
61 T	1,2-Dibromoethane	50.000	49.588	0.8	85	0.00
62 S	4-Bromofluorobenzene	50.000	50.308	-0.6	87	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64 T	Tetrachloroethene	50.000	56.055	-12.1	99	0.00
65 PM	Chlorobenzene	50.000	50.434	-0.9	89	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.411	-2.8	90	0.00
67 C	Ethyl Benzene	50.000	50.888	-1.8#	87	0.00
68 T	m/p-Xylenes	100.000	103.051	-3.1	90	0.00
69 T	o-Xylene	50.000	51.799	-3.6	88	0.00
70 T	Styrene	50.000	53.132	-6.3	90	0.00
71 P	Bromoform	50.000	48.980	2.0	84	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73 T	Isopropylbenzene	50.000	49.330	1.3	88	0.00
74 T	N-amyl acetate	50.000	43.613	12.8	75	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	43.025	14.0	78	0.00
76 T	1,2,3-Trichloropropane	50.000	48.345	3.3	77	0.00
77 T	Bromobenzene	50.000	48.690	2.6	87	0.00
78 T	n-propylbenzene	50.000	49.502	1.0	87	0.00
79 T	2-Chlorotoluene	50.000	48.829	2.3	87	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.180	-0.4	88	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.134	13.7	77	0.00
82 T	4-Chlorotoluene	50.000	48.995	2.0	88	0.00
83 T	tert-Butylbenzene	50.000	49.921	0.2	88	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.510	-1.0	89	0.00
85 T	sec-Butylbenzene	50.000	49.485	1.0	88	0.00
86 T	p-Isopropyltoluene	50.000	50.842	-1.7	89	0.00
87 T	1,3-Dichlorobenzene	50.000	49.644	0.7	90	0.00
88 T	1,4-Dichlorobenzene	50.000	48.611	2.8	88	0.00
89 T	n-Butylbenzene	50.000	49.746	0.5	87	0.00
90 T	Hexachloroethane	50.000	50.008	-0.0	90	0.00
91 T	1,2-Dichlorobenzene	50.000	49.177	1.6	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.839	10.3	78	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.553	8.9	82	0.00
94 T	Hexachlorobutadiene	50.000	45.434	9.1	83	0.00
95 T	Naphthalene	50.000	46.168	7.7	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.311	9.4	82	0.00

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