

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
 Data File : VY023135.D
 Acq On : 15 Aug 2025 19:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 18 02:33:49 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	80	0.00
2 T	Dichlorodifluoromethane	50.000	34.628	30.7#	65	0.00
3 P	Chloromethane	50.000	45.346	9.3	79	0.00
4 C	Vinyl Chloride	50.000	49.135	1.7#	83	0.00
5 T	Bromomethane	50.000	51.559	-3.1	93	0.00
6 T	Chloroethane	50.000	51.640	-3.3	87	0.00
7 T	Trichlorofluoromethane	50.000	46.330	7.3	78	0.00
8 T	Diethyl Ether	50.000	45.197	9.6	76	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	42.736	14.5	72	0.00
10 T	Methyl Iodide	50.000	49.178	1.6	76	0.00
11 T	Tert butyl alcohol	250.000	206.701	17.3	68	0.00
12 CM	1,1-Dichloroethene	50.000	45.207	9.6#	75	0.00
13 T	Acrolein	250.000	141.959	43.2#	48	0.00
14 T	Allyl chloride	50.000	45.054	9.9	74	0.00
15 T	Acrylonitrile	250.000	226.140	9.5	73	0.00
16 T	Acetone	250.000	169.235	32.3#	54	0.00
17 T	Carbon Disulfide	50.000	44.225	11.5	74	0.00
18 T	Methyl Acetate	50.000	58.622	-17.2	89	0.00
19 T	Methyl tert-butyl Ether	50.000	46.367	7.3	75	0.00
20 T	Methylene Chloride	50.000	47.835	4.3	81	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.978	4.0	79	0.00
22 T	Diisopropyl ether	50.000	47.734	4.5	78	0.00
23 T	Vinyl Acetate	250.000	208.809	16.5	67	0.00
24 P	1,1-Dichloroethane	50.000	47.608	4.8	78	0.00
25 T	2-Butanone	250.000	200.293	19.9	63	0.00
26 T	2,2-Dichloropropane	50.000	42.412	15.2	70	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.425	3.2	80	0.00
28 T	Bromochloromethane	50.000	49.690	0.6	81	0.00
29 T	Tetrahydrofuran	250.000	220.064	12.0	70	0.00
30 C	Chloroform	50.000	48.951	2.1#	80	0.00
31 T	Cyclohexane	50.000	41.505	17.0	72	0.00
32 T	1,1,1-Trichloroethane	50.000	47.657	4.7	78	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.127	-2.3	84	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35 S	Dibromofluoromethane	50.000	48.501	3.0	83	0.00
36 T	1,1-Dichloropropene	50.000	44.762	10.5	77	0.00
37 T	Ethyl Acetate	50.000	42.450	15.1	71	0.00
38 T	Carbon Tetrachloride	50.000	45.177	9.6	79	0.00
39 T	Methylcyclohexane	50.000	42.522	15.0	74	0.00
40 TM	Benzene	50.000	46.514	7.0	80	0.00
41 T	Methacrylonitrile	50.000	41.916	16.2	69	0.00
42 TM	1,2-Dichloroethane	50.000	45.709	8.6	79	0.00
43 T	Isopropyl Acetate	50.000	43.470	13.1	74	0.00
44 TM	Trichloroethene	50.000	47.535	4.9	83	0.00
45 C	1,2-Dichloropropane	50.000	46.657	6.7#	80	0.00
46 T	Dibromomethane	50.000	45.999	8.0	78	0.00
47 T	Bromodichloromethane	50.000	46.439	7.1	79	0.00
48 T	Methyl methacrylate	50.000	45.295	9.4	73	0.00

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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)
49 T	1,4-Dioxane	1000.000	902.014	9.8	76	0.00
50 S	Toluene-d8	50.000	49.738	0.5	85	0.00
51 T	4-Methyl-2-Pentanone	250.000	219.870	12.1	72	0.00
52 CM	Toluene	50.000	47.285	5.4#	80	0.00
53 T	t-1,3-Dichloropropene	50.000	45.264	9.5	76	0.00
54 T	cis-1,3-Dichloropropene	50.000	45.347	9.3	77	0.00
55 T	1,1,2-Trichloroethane	50.000	45.358	9.3	77	0.00
56 T	Ethyl methacrylate	50.000	45.302	9.4	74	0.00
57 T	1,3-Dichloropropane	50.000	45.582	8.8	78	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	247.890	0.8	79	0.00
59 T	2-Hexanone	250.000	211.536	15.4	69	0.00
60 T	Dibromochloromethane	50.000	46.058	7.9	78	0.00
61 T	1,2-Dibromoethane	50.000	45.352	9.3	77	0.00
62 S	4-Bromofluorobenzene	50.000	49.275	1.5	84	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64 T	Tetrachloroethene	50.000	52.075	-4.2	91	0.00
65 PM	Chlorobenzene	50.000	46.339	7.3	81	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.876	6.2	81	0.00
67 C	Ethyl Benzene	50.000	47.266	5.5#	80	0.00
68 T	m/p-Xylenes	100.000	94.610	5.4	81	0.00
69 T	o-Xylene	50.000	47.384	5.2	80	0.00
70 T	Styrene	50.000	48.738	2.5	82	0.00
71 P	Bromoform	50.000	42.892	14.2	73	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	46.232	7.5	81	0.00
74 T	N-amyl acetate	50.000	41.170	17.7	70	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	38.093	23.8	68	0.00
76 T	1,2,3-Trichloropropane	50.000	41.694	16.6	65	0.00
77 T	Bromobenzene	50.000	44.080	11.8	78	0.00
78 T	n-propylbenzene	50.000	46.593	6.8	80	0.00
79 T	2-Chlorotoluene	50.000	46.284	7.4	81	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.663	6.7	81	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	39.640	20.7	69	0.00
82 T	4-Chlorotoluene	50.000	46.196	7.6	81	0.00
83 T	tert-Butylbenzene	50.000	46.181	7.6	80	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.349	5.3	82	0.00
85 T	sec-Butylbenzene	50.000	46.712	6.6	81	0.00
86 T	p-Isopropyltoluene	50.000	47.312	5.4	81	0.00
87 T	1,3-Dichlorobenzene	50.000	45.434	9.1	81	0.00
88 T	1,4-Dichlorobenzene	50.000	44.832	10.3	80	0.00
89 T	n-Butylbenzene	50.000	46.994	6.0	81	0.00
90 T	Hexachloroethane	50.000	45.913	8.2	81	0.00
91 T	1,2-Dichlorobenzene	50.000	45.320	9.4	80	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	42.044	15.9	72	0.00
93 T	1,2,4-Trichlorobenzene	50.000	41.942	16.1	74	0.00
94 T	Hexachlorobutadiene	50.000	41.632	16.7	74	0.00
95 T	Naphthalene	50.000	43.007	14.0	73	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	42.272	15.5	75	0.00

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