

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
 Data File : VY022757.D
 Acq On : 19 Jun 2025 15:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 20 03:01:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 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	60	0.00
2 T	Dichlorodifluoromethane	50.000	43.217	13.6	56	0.00
3 P	Chloromethane	50.000	41.847	16.3	54	0.00
4 C	Vinyl Chloride	50.000	52.882	-5.8#	65	0.00
5 T	Bromomethane	50.000	43.042	13.9	61	0.00
6 T	Chloroethane	50.000	56.833	-13.7	75	0.00
7 T	Trichlorofluoromethane	50.000	57.632	-15.3	74	-0.01
8 T	Diethyl Ether	50.000	51.360	-2.7	62	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.342	-2.7	63	0.00
10 T	Methyl Iodide	50.000	50.225	-0.5	56	0.00
11 T	Tert butyl alcohol	250.000	257.218	-2.9	63	-0.03
12 CM	1,1-Dichloroethene	50.000	51.178	-2.4#	62	-0.01
13 T	Acrolein	250.000	68.215	72.7#	17	0.00
14 T	Allyl chloride	50.000	48.517	3.0	60	0.00
15 T	Acrylonitrile	250.000	274.100	-9.6	65	0.00
16 T	Acetone	250.000	270.353	-8.1	64	-0.01
17 T	Carbon Disulfide	50.000	46.523	7.0	57	-0.01
18 T	Methyl Acetate	50.000	62.630	-25.3#	76	-0.01
19 T	Methyl tert-butyl Ether	50.000	51.989	-4.0	63	-0.02
20 T	Methylene Chloride	50.000	49.692	0.6	67	-0.01
21 T	trans-1,2-Dichloroethene	50.000	52.951	-5.9	66	-0.01
22 T	Diisopropyl ether	50.000	51.930	-3.9	63	0.00
23 T	Vinyl Acetate	250.000	248.899	0.4	60	-0.01
24 P	1,1-Dichloroethane	50.000	54.349	-8.7	67	-0.01
25 T	2-Butanone	250.000	266.762	-6.7	63	-0.01
26 T	2,2-Dichloropropane	50.000	51.721	-3.4	63	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.098	-8.2	65	0.00
28 T	Bromochloromethane	50.000	55.094	-10.2	69	0.00
29 T	Tetrahydrofuran	250.000	274.859	-9.9	67	0.00
30 C	Chloroform	50.000	56.452	-12.9#	69	0.00
31 T	Cyclohexane	50.000	45.914	8.2	59	0.00
32 T	1,1,1-Trichloroethane	50.000	54.720	-9.4	66	0.00
33 S	1,2-Dichloroethane-d4	50.000	55.092	-10.2	63	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	60	0.00
35 S	Dibromofluoromethane	50.000	55.421	-10.8	62	0.00
36 T	1,1-Dichloropropene	50.000	52.869	-5.7	64	0.00
37 T	Ethyl Acetate	50.000	54.138	-8.3	62	-0.01
38 T	Carbon Tetrachloride	50.000	53.985	-8.0	64	0.00
39 T	Methylcyclohexane	50.000	49.040	1.9	59	0.00
40 TM	Benzene	50.000	54.829	-9.7	66	0.00
41 T	Methacrylonitrile	50.000	48.918	2.2	60	-0.01
42 TM	1,2-Dichloroethane	50.000	56.703	-13.4	69	0.00
43 T	Isopropyl Acetate	50.000	52.709	-5.4	62	0.00
44 TM	Trichloroethene	50.000	55.086	-10.2	65	0.00
45 C	1,2-Dichloropropane	50.000	56.468	-12.9#	67	0.00
46 T	Dibromomethane	50.000	56.556	-13.1	67	0.00
47 T	Bromodichloromethane	50.000	57.100	-14.2	68	0.00
48 T	Methyl methacrylate	50.000	51.882	-3.8	62	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1013.235	-1.3	63	-0.02
50 S	Toluene-d8	50.000	54.081	-8.2	62	0.00
51 T	4-Methyl-2-Pentanone	250.000	283.996	-13.6	66	0.00
52 CM	Toluene	50.000	54.486	-9.0#	65	0.00
53 T	t-1,3-Dichloropropene	50.000	54.293	-8.6	64	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.342	-8.7	64	0.00
55 T	1,1,2-Trichloroethane	50.000	57.226	-14.5	69	0.00
56 T	Ethyl methacrylate	50.000	52.794	-5.6	62	0.00
57 T	1,3-Dichloropropane	50.000	56.337	-12.7	67	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	293.581	-17.4	71	0.00
59 T	2-Hexanone	250.000	276.689	-10.7	64	0.00
60 T	Dibromochloromethane	50.000	57.430	-14.9	68	0.00
61 T	1,2-Dibromoethane	50.000	56.100	-12.2	67	0.00
62 S	4-Bromofluorobenzene	50.000	52.812	-5.6	62	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	61	0.00
64 T	Tetrachloroethene	50.000	62.374	-24.7	75	0.00
65 PM	Chlorobenzene	50.000	53.640	-7.3	65	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.050	-10.1	67	0.00
67 C	Ethyl Benzene	50.000	53.607	-7.2#	65	0.00
68 T	m/p-Xylenes	100.000	108.717	-8.7	66	0.00
69 T	o-Xylene	50.000	53.835	-7.7	66	0.00
70 T	Styrene	50.000	54.991	-10.0	66	0.00
71 P	Bromoform	50.000	54.620	-9.2	66	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	65	0.00
73 T	Isopropylbenzene	50.000	50.253	-0.5	65	0.00
74 T	N-amyl acetate	50.000	48.062	3.9	61	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.592	-1.2	65	0.00
76 T	1,2,3-Trichloropropane	50.000	51.950	-3.9	62	0.00
77 T	Bromobenzene	50.000	50.187	-0.4	65	0.00
78 T	n-propylbenzene	50.000	50.600	-1.2	65	0.00
79 T	2-Chlorotoluene	50.000	50.007	-0.0	65	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.210	-0.4	65	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.920	6.2	62	0.00
82 T	4-Chlorotoluene	50.000	49.989	0.0	65	0.00
83 T	tert-Butylbenzene	50.000	49.797	0.4	65	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.954	-1.9	67	0.00
85 T	sec-Butylbenzene	50.000	50.483	-1.0	65	0.00
86 T	p-Isopropyltoluene	50.000	51.292	-2.6	67	0.00
87 T	1,3-Dichlorobenzene	50.000	51.830	-3.7	69	0.00
88 T	1,4-Dichlorobenzene	50.000	51.920	-3.8	68	0.00
89 T	n-Butylbenzene	50.000	51.586	-3.2	66	0.00
90 T	Hexachloroethane	50.000	51.803	-3.6	67	0.00
91 T	1,2-Dichlorobenzene	50.000	51.758	-3.5	67	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.291	-8.6	66	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.955	-3.9	68	0.00
94 T	Hexachlorobutadiene	50.000	53.633	-7.3	70	0.00
95 T	Naphthalene	50.000	51.703	-3.4	65	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.788	-5.6	69	0.00

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