

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
 Data File : VY022170.D
 Acq On : 06 May 2025 09:14
 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 07 04:30:22 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	75	0.00
2 T	Dichlorodifluoromethane	50.000	44.239	11.5	72	0.00
3 P	Chloromethane	50.000	47.167	5.7	71	0.01
4 C	Vinyl Chloride	50.000	51.350	-2.7#	78	0.01
5 T	Bromomethane	50.000	45.776	8.4	74	0.00
6 T	Chloroethane	50.000	51.436	-2.9	79	0.00
7 T	Trichlorofluoromethane	50.000	48.240	3.5	74	0.01
8 T	Diethyl Ether	50.000	46.976	6.0	72	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.329	1.3	80	0.01
10 T	Methyl Iodide	50.000	48.044	3.9	70	0.00
11 T	Tert butyl alcohol	250.000	244.379	2.2	71	-0.01
12 CM	1,1-Dichloroethene	50.000	48.234	3.5#	76	0.00
13 T	Acrolein	250.000	93.226	62.7#	30	0.00
14 T	Allyl chloride	50.000	51.533	-3.1	80	0.00
15 T	Acrylonitrile	250.000	254.854	-1.9	76	0.00
16 T	Acetone	250.000	325.552	-30.2#	91	0.00
17 T	Carbon Disulfide	50.000	46.612	6.8	74	0.01
18 T	Methyl Acetate	50.000	57.410	-14.8	83	0.00
19 T	Methyl tert-butyl Ether	50.000	50.294	-0.6	74	0.00
20 T	Methylene Chloride	50.000	45.132	9.7	74	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.912	0.2	78	0.01
22 T	Diisopropyl ether	50.000	54.103	-8.2	81	0.00
23 T	Vinyl Acetate	250.000	268.116	-7.2	78	0.00
24 P	1,1-Dichloroethane	50.000	51.769	-3.5	81	0.00
25 T	2-Butanone	250.000	268.255	-7.3	80	0.00
26 T	2,2-Dichloropropane	50.000	53.023	-6.0	83	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.577	-1.2	77	0.00
28 T	Bromochloromethane	50.000	50.463	-0.9	76	0.00
29 T	Tetrahydrofuran	250.000	271.597	-8.6	76	0.00
30 C	Chloroform	50.000	51.434	-2.9#	79	0.00
31 T	Cyclohexane	50.000	50.801	-1.6	82	0.00
32 T	1,1,1-Trichloroethane	50.000	50.699	-1.4	79	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.010	-0.0	74	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	72	0.00
35 S	Dibromofluoromethane	50.000	50.504	-1.0	73	0.00
36 T	1,1-Dichloropropene	50.000	53.592	-7.2	81	0.00
37 T	Ethyl Acetate	50.000	54.533	-9.1	78	0.00
38 T	Carbon Tetrachloride	50.000	53.235	-6.5	80	0.00
39 T	Methylcyclohexane	50.000	53.975	-8.0	79	0.00
40 TM	Benzene	50.000	52.935	-5.9	79	0.00
41 T	Methacrylonitrile	50.000	52.375	-4.8	72	0.00
42 TM	1,2-Dichloroethane	50.000	53.280	-6.6	79	0.00
43 T	Isopropyl Acetate	50.000	53.552	-7.1	76	0.00
44 TM	Trichloroethene	50.000	52.045	-4.1	79	0.00
45 C	1,2-Dichloropropane	50.000	54.827	-9.7#	81	0.00
46 T	Dibromomethane	50.000	52.804	-5.6	78	0.00
47 T	Bromodichloromethane	50.000	53.477	-7.0	79	0.00
48 T	Methyl methacrylate	50.000	55.686	-11.4	76	0.00

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

49 T	1,4-Dioxane	1000.000	1044.921	-4.5	76	0.00
50 S	Toluene-d8	50.000	51.530	-3.1	73	0.00
51 T	4-Methyl-2-Pentanone	250.000	284.953	-14.0	77	0.00
52 CM	Toluene	50.000	54.344	-8.7#	79	0.00
53 T	t-1,3-Dichloropropene	50.000	55.059	-10.1	78	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.717	-7.4	78	0.00
55 T	1,1,2-Trichloroethane	50.000	53.748	-7.5	78	0.00
56 T	Ethyl methacrylate	50.000	54.630	-9.3	73	0.00
57 T	1,3-Dichloropropane	50.000	53.442	-6.9	78	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	274.338	-9.7	71	0.00
59 T	2-Hexanone	250.000	290.152	-16.1	77	0.00
60 T	Dibromochloromethane	50.000	52.935	-5.9	77	0.00
61 T	1,2-Dibromoethane	50.000	52.902	-5.8	77	0.00
62 S	4-Bromofluorobenzene	50.000	51.992	-4.0	74	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	72	0.00
64 T	Tetrachloroethene	50.000	51.922	-3.8	78	0.00
65 PM	Chlorobenzene	50.000	52.689	-5.4	79	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.530	-5.1	77	0.00
67 C	Ethyl Benzene	50.000	55.508	-11.0#	80	0.00
68 T	m/p-Xylenes	100.000	112.277	-12.3	80	0.00
69 T	o-Xylene	50.000	55.432	-10.9	78	0.00
70 T	Styrene	50.000	56.750	-13.5	79	0.00
71 P	Bromoform	50.000	52.185	-4.4	75	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	75	0.00
73 T	Isopropylbenzene	50.000	52.929	-5.9	80	0.00
74 T	N-ethyl acetate	50.000	51.702	-3.4	75	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.312	-2.6	79	0.00
76 T	1,2,3-Trichloropropane	50.000	46.089	7.8	73	0.00
77 T	Bromobenzene	50.000	49.685	0.6	76	0.00
78 T	n-propylbenzene	50.000	54.551	-9.1	82	0.00
79 T	2-Chlorotoluene	50.000	52.846	-5.7	81	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.357	-8.7	80	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.594	-3.2	78	0.00
82 T	4-Chlorotoluene	50.000	53.283	-6.6	81	0.00
83 T	tert-Butylbenzene	50.000	53.022	-6.0	79	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.747	-9.5	81	0.00
85 T	sec-Butylbenzene	50.000	54.416	-8.8	82	0.00
86 T	p-Isopropyltoluene	50.000	54.641	-9.3	82	0.00
87 T	1,3-Dichlorobenzene	50.000	51.656	-3.3	81	0.00
88 T	1,4-Dichlorobenzene	50.000	51.473	-2.9	81	0.00
89 T	n-Butylbenzene	50.000	55.231	-10.5	83	0.00
90 T	Hexachloroethane	50.000	51.967	-3.9	83	0.00
91 T	1,2-Dichlorobenzene	50.000	51.452	-2.9	80	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.369	-0.7	81	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.198	-0.4	78	0.00
94 T	Hexachlorobutadiene	50.000	49.746	0.5	81	0.00
95 T	Naphthalene	50.000	49.892	0.2	74	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.992	0.0	78	0.00

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