

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051625\
 Data File : VY022301.D
 Acq On : 16 May 2025 19:29
 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: May 17 01:40:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 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	63	0.00
2 T	Dichlorodifluoromethane	50.000	46.326	7.3	60	0.00
3 P	Chloromethane	50.000	52.264	-4.5	70	0.00
4 C	Vinyl Chloride	50.000	62.949	-25.9#	81	0.00
5 T	Bromomethane	50.000	63.984	-28.0#	92	0.00
6 T	Chloroethane	50.000	70.518	-41.0#	90	0.00
7 T	Trichlorofluoromethane	50.000	54.643	-9.3	71	0.00
8 T	Diethyl Ether	50.000	57.015	-14.0	73	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.304	-0.6	64	0.00
10 T	Methyl Iodide	50.000	58.800	-17.6	68	0.00
11 T	Tert butyl alcohol	250.000	293.143	-17.3	80	0.00
12 CM	1,1-Dichloroethene	50.000	53.144	-6.3#	67	0.00
13 T	Acrolein	250.000	221.842	11.3	61	0.00
14 T	Allyl chloride	50.000	50.390	-0.8	62	0.00
15 T	Acrylonitrile	250.000	294.229	-17.7	76	0.00
16 T	Acetone	250.000	261.381	-4.6	73	0.00
17 T	Carbon Disulfide	50.000	52.482	-5.0	66	0.00
18 T	Methyl Acetate	50.000	72.098	-44.2#	98	0.00
19 T	Methyl tert-butyl Ether	50.000	57.942	-15.9	74	0.00
20 T	Methylene Chloride	50.000	50.040	-0.1	70	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.696	-7.4	68	0.00
22 T	Diisopropyl ether	50.000	53.264	-6.5	67	0.00
23 T	Vinyl Acetate	250.000	252.608	-1.0	65	0.00
24 P	1,1-Dichloroethane	50.000	53.998	-8.0	68	0.00
25 T	2-Butanone	250.000	273.834	-9.5	74	0.00
26 T	2,2-Dichloropropane	50.000	46.353	7.3	59	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.900	-11.8	70	0.00
28 T	Bromochloromethane	50.000	54.788	-9.6	69	0.00
29 T	Tetrahydrofuran	250.000	290.562	-16.2	76	0.00
30 C	Chloroform	50.000	56.301	-12.6#	70	0.00
31 T	Cyclohexane	50.000	45.799	8.4	61	0.00
32 T	1,1,1-Trichloroethane	50.000	52.300	-4.6	67	0.00
33 S	1,2-Dichloroethane-d4	50.000	56.783	-13.6	73	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	69	0.00
35 S	Dibromofluoromethane	50.000	53.347	-6.7	72	0.00
36 T	1,1-Dichloropropene	50.000	48.494	3.0	65	0.00
37 T	Ethyl Acetate	50.000	50.310	-0.6	70	0.00
38 T	Carbon Tetrachloride	50.000	48.210	3.6	65	0.00
39 T	Methylcyclohexane	50.000	45.224	9.6	61	0.00
40 TM	Benzene	50.000	51.925	-3.8	69	0.00
41 T	Methacrylonitrile	50.000	42.134	15.7	57	0.00
42 TM	1,2-Dichloroethane	50.000	53.352	-6.7	72	0.00
43 T	Isopropyl Acetate	50.000	51.797	-3.6	71	0.00
44 TM	Trichloroethene	50.000	50.616	-1.2	68	0.00
45 C	1,2-Dichloropropane	50.000	51.337	-2.7#	69	0.00
46 T	Dibromomethane	50.000	53.928	-7.9	74	0.00
47 T	Bromodichloromethane	50.000	52.627	-5.3	70	0.00
48 T	Methyl methacrylate	50.000	51.751	-3.5	71	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1116.500	-11.7	80	0.00
50 S	Toluene-d8	50.000	52.262	-4.5	71	0.00
51 T	4-Methyl-2-Pentanone	250.000	270.195	-8.1	74	0.00
52 CM	Toluene	50.000	51.150	-2.3#	69	0.00
53 T	t-1,3-Dichloropropene	50.000	50.870	-1.7	69	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.085	-2.2	69	0.00
55 T	1,1,2-Trichloroethane	50.000	53.400	-6.8	73	0.00
56 T	Ethyl methacrylate	50.000	52.876	-5.8	72	0.00
57 T	1,3-Dichloropropane	50.000	53.333	-6.7	72	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	294.015	-17.6	75	0.00
59 T	2-Hexanone	250.000	264.900	-6.0	74	0.00
60 T	Dibromochloromethane	50.000	53.353	-6.7	71	0.00
61 T	1,2-Dibromoethane	50.000	54.113	-8.2	74	0.00
62 S	4-Bromofluorobenzene	50.000	50.802	-1.6	70	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	70	0.00
64 T	Tetrachloroethene	50.000	48.141	3.7	65	0.00
65 PM	Chlorobenzene	50.000	50.288	-0.6	68	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.525	-1.0	69	0.00
67 C	Ethyl Benzene	50.000	49.681	0.6#	67	0.00
68 T	m/p-Xylenes	100.000	99.542	0.5	67	0.00
69 T	o-Xylene	50.000	50.639	-1.3	69	0.00
70 T	Styrene	50.000	51.248	-2.5	70	0.00
71 P	Bromoform	50.000	52.719	-5.4	74	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	69	0.00
73 T	Isopropylbenzene	50.000	49.232	1.5	67	0.00
74 T	N-ethyl acetate	50.000	49.313	1.4	69	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.429	-8.9	76	0.00
76 T	1,2,3-Trichloropropane	50.000	49.451	1.1	69	0.00
77 T	Bromobenzene	50.000	50.903	-1.8	69	0.00
78 T	n-propylbenzene	50.000	49.582	0.8	67	0.00
79 T	2-Chlorotoluene	50.000	49.744	0.5	67	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.863	2.3	66	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.262	7.5	67	0.00
82 T	4-Chlorotoluene	50.000	49.230	1.5	66	0.00
83 T	tert-Butylbenzene	50.000	50.023	-0.0	68	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.978	0.0	67	0.00
85 T	sec-Butylbenzene	50.000	49.149	1.7	65	0.00
86 T	p-Isopropyltoluene	50.000	48.814	2.4	65	0.00
87 T	1,3-Dichlorobenzene	50.000	50.006	-0.0	68	0.00
88 T	1,4-Dichlorobenzene	50.000	50.503	-1.0	69	0.00
89 T	n-Butylbenzene	50.000	48.542	2.9	64	0.00
90 T	Hexachloroethane	50.000	48.950	2.1	66	0.00
91 T	1,2-Dichlorobenzene	50.000	51.391	-2.8	70	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.958	-5.9	75	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.489	1.0	66	0.00
94 T	Hexachlorobutadiene	50.000	46.635	6.7	63	0.00
95 T	Naphthalene	50.000	52.582	-5.2	73	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.540	-1.1	69	0.00

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