

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050525\
 Data File : VY022168.D
 Acq On : 05 May 2025 18:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 06 05:23:58 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	68	0.00
2 T	Dichlorodifluoromethane	50.000	40.317	19.4	59	0.00
3 P	Chloromethane	50.000	48.722	2.6	66	0.00
4 C	Vinyl Chloride	50.000	49.098	1.8#	68	0.00
5 T	Bromomethane	50.000	45.368	9.3	66	0.00
6 T	Chloroethane	50.000	49.026	1.9	68	0.00
7 T	Trichlorofluoromethane	50.000	44.680	10.6	62	0.00
8 T	Diethyl Ether	50.000	46.944	6.1	66	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.914	10.2	66	0.00
10 T	Methyl Iodide	50.000	47.435	5.1	63	0.00
11 T	Tert butyl alcohol	250.000	246.381	1.4	65	-0.01
12 CM	1,1-Dichloroethene	50.000	45.079	9.8#	64	0.00
13 T	Acrolein	250.000	91.553	63.4#	27	0.00
14 T	Allyl chloride	50.000	48.841	2.3	69	0.00
15 T	Acrylonitrile	250.000	251.398	-0.6	68	0.00
16 T	Acetone	250.000	263.906	-5.6	68	0.00
17 T	Carbon Disulfide	50.000	43.763	12.5	63	0.00
18 T	Methyl Acetate	50.000	74.739	-49.5#	98	0.00
19 T	Methyl tert-butyl Ether	50.000	49.762	0.5	66	0.00
20 T	Methylene Chloride	50.000	46.330	7.3	69	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.764	6.5	66	0.00
22 T	Diisopropyl ether	50.000	52.695	-5.4	71	0.00
23 T	Vinyl Acetate	250.000	244.875	2.1	64	0.00
24 P	1,1-Dichloroethane	50.000	49.254	1.5	70	0.00
25 T	2-Butanone	250.000	257.410	-3.0	69	0.00
26 T	2,2-Dichloropropane	50.000	46.105	7.8	66	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.527	2.9	67	0.00
28 T	Bromochloromethane	50.000	53.541	-7.1	73	0.00
29 T	Tetrahydrofuran	250.000	270.536	-8.2	68	0.00
30 C	Chloroform	50.000	49.454	1.1#	69	0.00
31 T	Cyclohexane	50.000	46.892	6.2	68	0.00
32 T	1,1,1-Trichloroethane	50.000	47.267	5.5	67	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.175	-4.3	70	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	68	0.00
35 S	Dibromofluoromethane	50.000	50.537	-1.1	69	0.00
36 T	1,1-Dichloropropene	50.000	47.648	4.7	68	0.00
37 T	Ethyl Acetate	50.000	48.577	2.8	66	0.00
38 T	Carbon Tetrachloride	50.000	46.910	6.2	67	0.00
39 T	Methylcyclohexane	50.000	46.849	6.3	65	0.00
40 TM	Benzene	50.000	48.586	2.8	69	0.00
41 T	Methacrylonitrile	50.000	44.211	11.6	57	0.00
42 TM	1,2-Dichloroethane	50.000	50.320	-0.6	70	0.00
43 T	Isopropyl Acetate	50.000	52.086	-4.2	70	0.00
44 TM	Trichloroethene	50.000	45.632	8.7	65	0.00
45 C	1,2-Dichloropropane	50.000	50.574	-1.1#	71	0.00
46 T	Dibromomethane	50.000	49.725	0.5	70	0.00
47 T	Bromodichloromethane	50.000	48.998	2.0	68	0.00
48 T	Methyl methacrylate	50.000	52.655	-5.3	68	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	979.999	2.0	68	-0.01
50 S	Toluene-d8	50.000	51.841	-3.7	69	0.00
51 T	4-Methyl-2-Pentanone	250.000	277.484	-11.0	71	0.00
52 CM	Toluene	50.000	50.183	-0.4#	69	0.00
53 T	t-1,3-Dichloropropene	50.000	49.348	1.3	67	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.139	1.7	68	0.00
55 T	1,1,2-Trichloroethane	50.000	50.153	-0.3	69	0.00
56 T	Ethyl methacrylate	50.000	51.135	-2.3	65	0.00
57 T	1,3-Dichloropropane	50.000	51.247	-2.5	71	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	283.528	-13.4	69	0.00
59 T	2-Hexanone	250.000	277.284	-10.9	70	0.00
60 T	Dibromochloromethane	50.000	50.002	-0.0	69	0.00
61 T	1,2-Dibromoethane	50.000	50.718	-1.4	70	0.00
62 S	4-Bromofluorobenzene	50.000	53.325	-6.7	72	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	71	0.00
64 T	Tetrachloroethene	50.000	43.441	13.1	64	0.00
65 PM	Chlorobenzene	50.000	47.013	6.0	69	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.490	5.0	68	0.00
67 C	Ethyl Benzene	50.000	49.439	1.1#	70	0.00
68 T	m/p-Xylenes	100.000	98.163	1.8	69	0.00
69 T	o-Xylene	50.000	49.049	1.9	67	0.00
70 T	Styrene	50.000	50.838	-1.7	69	0.00
71 P	Bromoform	50.000	48.443	3.1	68	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	72	0.00
73 T	Isopropylbenzene	50.000	47.251	5.5	69	0.00
74 T	N-amyl acetate	50.000	47.439	5.1	67	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.471	3.1	72	0.00
76 T	1,2,3-Trichloropropane	50.000	46.523	7.0	71	0.00
77 T	Bromobenzene	50.000	46.522	7.0	69	0.00
78 T	n-propylbenzene	50.000	47.320	5.4	69	0.00
79 T	2-Chlorotoluene	50.000	47.124	5.8	69	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.991	4.0	68	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.975	8.0	67	0.00
82 T	4-Chlorotoluene	50.000	47.817	4.4	70	0.00
83 T	tert-Butylbenzene	50.000	47.656	4.7	68	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.823	4.4	68	0.00
85 T	sec-Butylbenzene	50.000	47.812	4.4	69	0.00
86 T	p-Isopropyltoluene	50.000	47.462	5.1	68	0.00
87 T	1,3-Dichlorobenzene	50.000	45.473	9.1	69	0.00
88 T	1,4-Dichlorobenzene	50.000	45.233	9.5	69	0.00
89 T	n-Butylbenzene	50.000	47.103	5.8	68	0.00
90 T	Hexachloroethane	50.000	46.068	7.9	70	0.00
91 T	1,2-Dichlorobenzene	50.000	46.803	6.4	70	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.506	3.0	75	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.918	10.2	67	0.00
94 T	Hexachlorobutadiene	50.000	42.942	14.1	68	0.00
95 T	Naphthalene	50.000	47.354	5.3	67	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.321	9.4	68	0.00

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