

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
 Data File : VY022180.D
 Acq On : 06 May 2025 14:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 07 04:35:27 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	67	0.00
2 T	Dichlorodifluoromethane	50.000	38.504	23.0	56	0.00
3 P	Chloromethane	50.000	45.290	9.4	61	0.01
4 C	Vinyl Chloride	50.000	49.201	1.6#	68	0.01
5 T	Bromomethane	50.000	45.450	9.1	66	0.00
6 T	Chloroethane	50.000	50.780	-1.6	70	0.00
7 T	Trichlorofluoromethane	50.000	46.804	6.4	65	0.00
8 T	Diethyl Ether	50.000	41.652	16.7	58	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.006	6.0	69	0.00
10 T	Methyl Iodide	50.000	45.792	8.4	61	0.00
11 T	Tert butyl alcohol	250.000	217.498	13.0	57	-0.02
12 CM	1,1-Dichloroethene	50.000	45.258	9.5#	64	0.00
13 T	Acrolein	250.000	95.377	61.8#	28	0.00
14 T	Allyl chloride	50.000	49.813	0.4	70	0.01
15 T	Acrylonitrile	250.000	234.116	6.4	63	0.01
16 T	Acetone	250.000	246.254	1.5	64	0.00
17 T	Carbon Disulfide	50.000	44.184	11.6	63	0.01
18 T	Methyl Acetate	50.000	53.673	-7.3	70	0.00
19 T	Methyl tert-butyl Ether	50.000	47.101	5.8	62	0.00
20 T	Methylene Chloride	50.000	44.960	10.1	66	0.01
21 T	trans-1,2-Dichloroethene	50.000	46.251	7.5	65	0.01
22 T	Diisopropyl ether	50.000	52.324	-4.6	70	0.00
23 T	Vinyl Acetate	250.000	246.987	1.2	65	0.00
24 P	1,1-Dichloroethane	50.000	48.769	2.5	69	0.00
25 T	2-Butanone	250.000	238.233	4.7	64	0.00
26 T	2,2-Dichloropropane	50.000	51.739	-3.5	73	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.649	2.7	67	0.00
28 T	Bromochloromethane	50.000	52.397	-4.8	71	0.00
29 T	Tetrahydrofuran	250.000	250.360	-0.1	63	0.00
30 C	Chloroform	50.000	49.835	0.3#	70	0.00
31 T	Cyclohexane	50.000	49.262	1.5	72	0.00
32 T	1,1,1-Trichloroethane	50.000	49.225	1.5	70	0.00
33 S	1,2-Dichloroethane-d4	50.000	19.347	61.3#	26	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	65	0.00
35 S	Dibromofluoromethane	50.000	19.482	61.0#	26	0.00
36 T	1,1-Dichloropropene	50.000	52.515	-5.0	72	0.00
37 T	Ethyl Acetate	50.000	49.227	1.5	64	0.00
38 T	Carbon Tetrachloride	50.000	51.233	-2.5	70	0.00
39 T	Methylcyclohexane	50.000	52.488	-5.0	70	0.00
40 TM	Benzene	50.000	51.206	-2.4	70	0.00
41 T	Methacrylonitrile	50.000	48.239	3.5	60	0.00
42 TM	1,2-Dichloroethane	50.000	51.139	-2.3	69	0.00
43 T	Isopropyl Acetate	50.000	49.595	0.8	64	0.00
44 TM	Trichloroethene	50.000	50.117	-0.2	69	0.01
45 C	1,2-Dichloropropane	50.000	52.883	-5.8#	71	0.00
46 T	Dibromomethane	50.000	51.428	-2.9	69	0.00
47 T	Bromodichloromethane	50.000	52.505	-5.0	70	0.00
48 T	Methyl methacrylate	50.000	52.569	-5.1	65	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	959.240	4.1	63	0.00
50 S	Toluene-d8	50.000	20.529	58.9#	26	0.00
51 T	4-Methyl-2-Pentanone	250.000	266.204	-6.5	65	0.00
52 CM	Toluene	50.000	52.534	-5.1#	69	0.00
53 T	t-1,3-Dichloropropene	50.000	51.879	-3.8	67	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.894	-3.8	69	0.00
55 T	1,1,2-Trichloroethane	50.000	51.235	-2.5	67	0.00
56 T	Ethyl methacrylate	50.000	51.240	-2.5	62	0.00
57 T	1,3-Dichloropropane	50.000	51.922	-3.8	68	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	260.866	-4.3	61	0.00
59 T	2-Hexanone	250.000	265.883	-6.4	64	0.00
60 T	Dibromochloromethane	50.000	51.236	-2.5	68	0.00
61 T	1,2-Dibromoethane	50.000	49.952	0.1	66	0.00
62 S	4-Bromofluorobenzene	50.000	21.281	57.4#	27	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	66	0.00
64 T	Tetrachloroethene	50.000	49.611	0.8	68	0.00
65 PM	Chlorobenzene	50.000	50.763	-1.5	69	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.728	-1.5	68	0.00
67 C	Ethyl Benzene	50.000	53.476	-7.0#	70	0.00
68 T	m/p-Xylenes	100.000	108.161	-8.2	71	0.00
69 T	o-Xylene	50.000	53.627	-7.3	69	0.00
70 T	Styrene	50.000	54.801	-9.6	69	0.00
71 P	Bromoform	50.000	49.637	0.7	65	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	72	0.00
73 T	Isopropylbenzene	50.000	49.188	1.6	71	0.00
74 T	N-amyl acetate	50.000	47.356	5.3	66	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.015	8.0	68	0.00
76 T	1,2,3-Trichloropropane	50.000	49.324	1.4	75	0.00
77 T	Bromobenzene	50.000	45.503	9.0	67	0.00
78 T	n-propylbenzene	50.000	50.267	-0.5	72	0.00
79 T	2-Chlorotoluene	50.000	48.850	2.3	71	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.955	0.1	71	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.470	9.1	66	0.00
82 T	4-Chlorotoluene	50.000	49.488	1.0	72	0.00
83 T	tert-Butylbenzene	50.000	49.483	1.0	70	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.746	-1.5	72	0.00
85 T	sec-Butylbenzene	50.000	51.401	-2.8	74	0.00
86 T	p-Isopropyltoluene	50.000	51.238	-2.5	73	0.00
87 T	1,3-Dichlorobenzene	50.000	47.558	4.9	71	0.00
88 T	1,4-Dichlorobenzene	50.000	47.516	5.0	72	0.00
89 T	n-Butylbenzene	50.000	51.791	-3.6	74	0.00
90 T	Hexachloroethane	50.000	48.048	3.9	73	0.00
91 T	1,2-Dichlorobenzene	50.000	46.905	6.2	69	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.122	9.8	69	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.820	8.4	68	0.00
94 T	Hexachlorobutadiene	50.000	45.912	8.2	72	0.00
95 T	Naphthalene	50.000	44.574	10.9	63	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.471	9.1	68	0.00

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