

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
 Data File : VY022811.D
 Acq On : 25 Jun 2025 09:13
 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: Jun 26 01:20:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 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	96	0.00
2 T	Dichlorodifluoromethane	50.000	46.985	6.0	91	0.00
3 P	Chloromethane	50.000	41.540	16.9	82	0.00
4 C	Vinyl Chloride	50.000	46.155	7.7#	87	0.00
5 T	Bromomethane	50.000	44.686	10.6	89	0.00
6 T	Chloroethane	50.000	46.907	6.2	89	0.00
7 T	Trichlorofluoromethane	50.000	47.274	5.5	88	0.00
8 T	Diethyl Ether	50.000	46.329	7.3	87	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.719	2.6	94	0.00
10 T	Methyl Iodide	50.000	52.132	-4.3	90	0.00
11 T	Tert butyl alcohol	250.000	212.488	15.0	79	-0.03
12 CM	1,1-Dichloroethene	50.000	48.777	2.4#	92	-0.01
13 T	Acrolein	250.000	192.639	22.9	75	-0.01
14 T	Allyl chloride	50.000	47.449	5.1	89	-0.01
15 T	Acrylonitrile	250.000	227.130	9.1	84	-0.01
16 T	Acetone	250.000	270.581	-8.2	115	-0.01
17 T	Carbon Disulfide	50.000	48.215	3.6	91	0.00
18 T	Methyl Acetate	50.000	40.309	19.4	77	-0.02
19 T	Methyl tert-butyl Ether	50.000	47.311	5.4	87	-0.02
20 T	Methylene Chloride	50.000	42.722	14.6	93	-0.01
21 T	trans-1,2-Dichloroethene	50.000	47.868	4.3	90	-0.02
22 T	Diisopropyl ether	50.000	47.489	5.0	88	-0.01
23 T	Vinyl Acetate	250.000	241.229	3.5	88	-0.01
24 P	1,1-Dichloroethane	50.000	47.957	4.1	89	-0.01
25 T	2-Butanone	250.000	236.396	5.4	91	-0.02
26 T	2,2-Dichloropropane	50.000	51.006	-2.0	97	-0.01
27 T	cis-1,2-Dichloroethene	50.000	48.186	3.6	91	-0.01
28 T	Bromochloromethane	50.000	46.620	6.8	86	0.00
29 T	Tetrahydrofuran	250.000	223.363	10.7	82	0.00
30 C	Chloroform	50.000	47.506	5.0#	90	-0.01
31 T	Cyclohexane	50.000	46.670	6.7	91	-0.01
32 T	1,1,1-Trichloroethane	50.000	49.298	1.4	93	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.025	4.0	92	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35 S	Dibromofluoromethane	50.000	50.823	-1.6	94	-0.01
36 T	1,1-Dichloropropene	50.000	50.407	-0.8	92	0.00
37 T	Ethyl Acetate	50.000	47.169	5.7	85	-0.01
38 T	Carbon Tetrachloride	50.000	50.748	-1.5	93	-0.01
39 T	Methylcyclohexane	50.000	51.040	-2.1	91	-0.01
40 TM	Benzene	50.000	49.920	0.2	90	0.00
41 T	Methacrylonitrile	50.000	48.854	2.3	93	-0.02
42 TM	1,2-Dichloroethane	50.000	48.978	2.0	88	-0.01
43 T	Isopropyl Acetate	50.000	47.255	5.5	83	0.00
44 TM	Trichloroethene	50.000	51.177	-2.4	91	0.00
45 C	1,2-Dichloropropane	50.000	49.903	0.2#	90	0.00
46 T	Dibromomethane	50.000	48.340	3.3	88	0.00
47 T	Bromodichloromethane	50.000	49.544	0.9	89	0.00
48 T	Methyl methacrylate	50.000	47.932	4.1	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	891.995	10.8	80	-0.02
50 S	Toluene-d8	50.000	52.037	-4.1	96	0.00
51 T	4-Methyl-2-Pentanone	250.000	238.741	4.5	82	0.00
52 CM	Toluene	50.000	50.813	-1.6#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	50.167	-0.3	90	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.646	-1.3	91	0.00
55 T	1,1,2-Trichloroethane	50.000	48.394	3.2	87	0.00
56 T	Ethyl methacrylate	50.000	50.213	-0.4	86	0.00
57 T	1,3-Dichloropropane	50.000	47.897	4.2	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	231.838	7.3	87	0.00
59 T	2-Hexanone	250.000	246.541	1.4	86	0.00
60 T	Dibromochloromethane	50.000	49.558	0.9	88	0.00
61 T	1,2-Dibromoethane	50.000	48.956	2.1	87	0.00
62 S	4-Bromofluorobenzene	50.000	51.300	-2.6	96	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64 T	Tetrachloroethene	50.000	52.827	-5.7	90	0.00
65 PM	Chlorobenzene	50.000	50.248	-0.5	91	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.930	0.1	90	0.00
67 C	Ethyl Benzene	50.000	51.322	-2.6#	91	0.00
68 T	m/p-Xylenes	100.000	103.889	-3.9	92	-0.01
69 T	o-Xylene	50.000	51.530	-3.1	92	0.00
70 T	Styrene	50.000	51.710	-3.4	91	0.00
71 P	Bromoform	50.000	48.061	3.9	87	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73 T	Isopropylbenzene	50.000	51.449	-2.9	93	0.00
74 T	N-ethyl acetate	50.000	49.444	1.1	84	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.506	11.0	86	0.00
76 T	1,2,3-Trichloropropane	50.000	46.865	6.3	86	0.00
77 T	Bromobenzene	50.000	49.475	1.0	89	0.00
78 T	n-propylbenzene	50.000	51.821	-3.6	93	0.00
79 T	2-Chlorotoluene	50.000	50.685	-1.4	91	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.507	-3.0	92	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.196	3.6	90	0.00
82 T	4-Chlorotoluene	50.000	49.780	0.4	90	0.00
83 T	tert-Butylbenzene	50.000	51.973	-3.9	92	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.254	-4.5	93	0.00
85 T	sec-Butylbenzene	50.000	52.426	-4.9	93	0.00
86 T	p-Isopropyltoluene	50.000	52.785	-5.6	94	0.00
87 T	1,3-Dichlorobenzene	50.000	50.294	-0.6	91	0.00
88 T	1,4-Dichlorobenzene	50.000	49.655	0.7	91	-0.01
89 T	n-Butylbenzene	50.000	52.629	-5.3	94	0.00
90 T	Hexachloroethane	50.000	50.607	-1.2	91	0.00
91 T	1,2-Dichlorobenzene	50.000	49.222	1.6	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.159	5.7	85	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.973	2.1	89	0.00
94 T	Hexachlorobutadiene	50.000	49.168	1.7	92	0.00
95 T	Naphthalene	50.000	48.371	3.3	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.245	3.5	88	0.00

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