

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
 Data File : VY022809.D
 Acq On : 24 Jun 2025 20:09
 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: Jun 25 01:31:52 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	84	0.00
2 T	Dichlorodifluoromethane	50.000	47.917	4.2	81	0.00
3 P	Chloromethane	50.000	45.525	9.0	78	0.00
4 C	Vinyl Chloride	50.000	50.587	-1.2#	83	0.00
5 T	Bromomethane	50.000	51.538	-3.1	90	-0.01
6 T	Chloroethane	50.000	52.104	-4.2	86	-0.01
7 T	Trichlorofluoromethane	50.000	50.352	-0.7	82	-0.01
8 T	Diethyl Ether	50.000	52.080	-4.2	85	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.102	1.8	82	0.00
10 T	Methyl Iodide	50.000	54.835	-9.7	82	-0.01
11 T	Tert butyl alcohol	250.000	235.113	6.0	77	-0.03
12 CM	1,1-Dichloroethene	50.000	49.864	0.3#	82	-0.02
13 T	Acrolein	250.000	189.582	24.2	65	-0.01
14 T	Allyl chloride	50.000	47.962	4.1	78	-0.01
15 T	Acrylonitrile	250.000	247.056	1.2	80	-0.01
16 T	Acetone	250.000	203.208	18.7	75	-0.01
17 T	Carbon Disulfide	50.000	49.289	1.4	81	-0.01
18 T	Methyl Acetate	50.000	49.223	1.6	82	-0.02
19 T	Methyl tert-butyl Ether	50.000	51.681	-3.4	83	-0.02
20 T	Methylene Chloride	50.000	45.158	9.7	85	-0.01
21 T	trans-1,2-Dichloroethene	50.000	51.182	-2.4	84	-0.01
22 T	Diisopropyl ether	50.000	50.493	-1.0	82	-0.01
23 T	Vinyl Acetate	250.000	243.997	2.4	77	-0.02
24 P	1,1-Dichloroethane	50.000	50.693	-1.4	82	-0.01
25 T	2-Butanone	250.000	225.079	10.0	76	-0.01
26 T	2,2-Dichloropropane	50.000	43.756	12.5	73	-0.01
27 T	cis-1,2-Dichloroethene	50.000	51.735	-3.5	85	-0.01
28 T	Bromochloromethane	50.000	49.122	1.8	79	-0.01
29 T	Tetrahydrofuran	250.000	243.614	2.6	78	-0.01
30 C	Chloroform	50.000	51.127	-2.3#	84	-0.01
31 T	Cyclohexane	50.000	46.580	6.8	79	-0.01
32 T	1,1,1-Trichloroethane	50.000	51.369	-2.7	84	-0.01
33 S	1,2-Dichloroethane-d4	50.000	49.875	0.3	83	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35 S	Dibromofluoromethane	50.000	48.843	2.3	84	0.00
36 T	1,1-Dichloropropene	50.000	48.801	2.4	83	-0.01
37 T	Ethyl Acetate	50.000	48.132	3.7	80	-0.01
38 T	Carbon Tetrachloride	50.000	48.519	3.0	83	-0.01
39 T	Methylcyclohexane	50.000	48.381	3.2	81	-0.01
40 TM	Benzene	50.000	50.133	-0.3	84	-0.01
41 T	Methacrylonitrile	50.000	43.945	12.1	78	-0.01
42 TM	1,2-Dichloroethane	50.000	49.183	1.6	82	-0.01
43 T	Isopropyl Acetate	50.000	47.679	4.6	78	0.00
44 TM	Trichloroethene	50.000	51.135	-2.3	84	0.00
45 C	1,2-Dichloropropane	50.000	49.218	1.6#	83	0.00
46 T	Dibromomethane	50.000	49.064	1.9	83	0.00
47 T	Bromodichloromethane	50.000	50.432	-0.9	85	0.00
48 T	Methyl methacrylate	50.000	47.790	4.4	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	972.753	2.7	81	-0.02
50 S	Toluene-d8	50.000	49.743	0.5	85	0.00
51 T	4-Methyl-2-Pentanone	250.000	244.397	2.2	78	0.00
52 CM	Toluene	50.000	50.881	-1.8#	85	-0.01
53 T	t-1,3-Dichloropropene	50.000	48.403	3.2	81	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.707	2.6	81	0.00
55 T	1,1,2-Trichloroethane	50.000	50.112	-0.2	83	0.00
56 T	Ethyl methacrylate	50.000	51.100	-2.2	82	-0.01
57 T	1,3-Dichloropropane	50.000	50.021	-0.0	84	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	239.909	4.0	84	0.00
59 T	2-Hexanone	250.000	237.368	5.1	77	0.00
60 T	Dibromochloromethane	50.000	50.767	-1.5	84	0.00
61 T	1,2-Dibromoethane	50.000	50.709	-1.4	84	0.00
62 S	4-Bromofluorobenzene	50.000	49.337	1.3	86	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64 T	Tetrachloroethene	50.000	53.757	-7.5	86	-0.01
65 PM	Chlorobenzene	50.000	49.834	0.3	85	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.696	-1.4	86	0.00
67 C	Ethyl Benzene	50.000	50.645	-1.3#	85	0.00
68 T	m/p-Xylenes	100.000	102.035	-2.0	85	-0.01
69 T	o-Xylene	50.000	51.752	-3.5	87	0.00
70 T	Styrene	50.000	52.203	-4.4	86	0.00
71 P	Bromoform	50.000	48.786	2.4	84	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73 T	Isopropylbenzene	50.000	50.843	-1.7	85	0.00
74 T	N-amyl acetate	50.000	49.528	0.9	79	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.347	9.3	82	0.00
76 T	1,2,3-Trichloropropane	50.000	46.064	7.9	79	0.00
77 T	Bromobenzene	50.000	50.712	-1.4	86	0.00
78 T	n-propylbenzene	50.000	50.699	-1.4	85	0.00
79 T	2-Chlorotoluene	50.000	50.442	-0.9	85	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.486	-3.0	86	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	41.938	16.1	73	0.00
82 T	4-Chlorotoluene	50.000	50.593	-1.2	85	0.00
83 T	tert-Butylbenzene	50.000	51.337	-2.7	85	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.478	-3.0	85	0.00
85 T	sec-Butylbenzene	50.000	51.372	-2.7	85	0.00
86 T	p-Isopropyltoluene	50.000	51.652	-3.3	85	0.00
87 T	1,3-Dichlorobenzene	50.000	50.221	-0.4	85	-0.01
88 T	1,4-Dichlorobenzene	50.000	49.495	1.0	84	-0.01
89 T	n-Butylbenzene	50.000	49.883	0.2	83	-0.01
90 T	Hexachloroethane	50.000	50.468	-0.9	84	0.00
91 T	1,2-Dichlorobenzene	50.000	49.633	0.7	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.794	6.4	79	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.278	5.4	81	0.00
94 T	Hexachlorobutadiene	50.000	46.240	7.5	81	0.00
95 T	Naphthalene	50.000	49.272	1.5	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.076	5.8	80	0.00

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