

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052325\
 Data File : VY022419.D
 Acq On : 23 May 2025 21:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 24 01:10:46 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	71	0.01
2 T	Dichlorodifluoromethane	50.000	48.943	2.1	72	0.00
3 P	Chloromethane	50.000	58.565	-17.1	88	0.00
4 C	Vinyl Chloride	50.000	63.701	-27.4#	92	0.00
5 T	Bromomethane	50.000	73.461	-46.9#	119	0.00
6 T	Chloroethane	50.000	65.125	-30.3#	93	0.00
7 T	Trichlorofluoromethane	50.000	51.284	-2.6	75	0.01
8 T	Diethyl Ether	50.000	56.356	-12.7	81	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	55.049	-10.1	78	0.00
10 T	Methyl Iodide	50.000	59.458	-18.9	77	0.00
11 T	Tert butyl alcohol	250.000	251.401	-0.6	77	0.02
12 CM	1,1-Dichloroethene	50.000	54.541	-9.1#	77	0.01
13 T	Acrolein	250.000	100.705	59.7#	31	0.01
14 T	Allyl chloride	50.000	46.461	7.1	65	0.02
15 T	Acrylonitrile	250.000	275.131	-10.1	80	0.01
16 T	Acetone	250.000	235.742	5.7	74	0.01
17 T	Carbon Disulfide	50.000	51.488	-3.0	73	0.01
18 T	Methyl Acetate	50.000	54.790	-9.6	83	0.01
19 T	Methyl tert-butyl Ether	50.000	55.592	-11.2	80	0.01
20 T	Methylene Chloride	50.000	50.340	-0.7	79	0.01
21 T	trans-1,2-Dichloroethene	50.000	55.161	-10.3	78	0.02
22 T	Diisopropyl ether	50.000	50.858	-1.7	72	0.01
23 T	Vinyl Acetate	250.000	245.783	1.7	71	0.01
24 P	1,1-Dichloroethane	50.000	54.648	-9.3	77	0.01
25 T	2-Butanone	250.000	245.808	1.7	74	0.00
26 T	2,2-Dichloropropane	50.000	50.072	-0.1	71	0.01
27 T	cis-1,2-Dichloroethene	50.000	56.905	-13.8	80	0.01
28 T	Bromochloromethane	50.000	53.972	-7.9	77	0.01
29 T	Tetrahydrofuran	250.000	254.973	-2.0	75	0.01
30 C	Chloroform	50.000	56.544	-13.1#	79	0.01
31 T	Cyclohexane	50.000	47.672	4.7	71	0.00
32 T	1,1,1-Trichloroethane	50.000	54.799	-9.6	78	0.01
33 S	1,2-Dichloroethane-d4	50.000	54.908	-9.8	79	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	75	0.00
35 S	Dibromofluoromethane	50.000	56.277	-12.6	83	0.01
36 T	1,1-Dichloropropene	50.000	52.050	-4.1	76	0.00
37 T	Ethyl Acetate	50.000	49.449	1.1	75	0.00
38 T	Carbon Tetrachloride	50.000	52.656	-5.3	78	0.01
39 T	Methylcyclohexane	50.000	51.480	-3.0	76	0.00
40 TM	Benzene	50.000	54.034	-8.1	79	0.00
41 T	Methacrylonitrile	50.000	44.335	11.3	66	0.00
42 TM	1,2-Dichloroethane	50.000	53.602	-7.2	79	0.00
43 T	Isopropyl Acetate	50.000	48.817	2.4	73	0.01
44 TM	Trichloroethene	50.000	52.965	-5.9	77	0.00
45 C	1,2-Dichloropropane	50.000	53.082	-6.2#	78	0.01
46 T	Dibromomethane	50.000	55.024	-10.0	83	0.00
47 T	Bromodichloromethane	50.000	54.621	-9.2	79	0.01
48 T	Methyl methacrylate	50.000	47.724	4.6	72	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1075.695	-7.6	84	0.00
50 S	Toluene-d8	50.000	53.924	-7.8	80	0.01
51 T	4-Methyl-2-Pentanone	250.000	251.669	-0.7	75	0.00
52 CM	Toluene	50.000	53.021	-6.0#	78	0.00
53 T	t-1,3-Dichloropropene	50.000	50.611	-1.2	75	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.692	-3.4	76	0.00
55 T	1,1,2-Trichloroethane	50.000	54.714	-9.4	82	0.00
56 T	Ethyl methacrylate	50.000	53.108	-6.2	79	0.00
57 T	1,3-Dichloropropane	50.000	54.669	-9.3	81	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	285.424	-14.2	79	0.01
59 T	2-Hexanone	250.000	247.514	1.0	76	0.00
60 T	Dibromochloromethane	50.000	55.133	-10.3	80	0.01
61 T	1,2-Dibromoethane	50.000	55.980	-12.0	83	0.01
62 S	4-Bromofluorobenzene	50.000	50.386	-0.8	76	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	76	0.00
64 T	Tetrachloroethene	50.000	49.735	0.5	74	0.00
65 PM	Chlorobenzene	50.000	53.600	-7.2	79	0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	53.225	-6.5	79	0.00
67 C	Ethyl Benzene	50.000	52.133	-4.3#	77	0.00
68 T	m/p-Xylenes	100.000	103.825	-3.8	77	0.00
69 T	o-Xylene	50.000	52.372	-4.7	78	0.01
70 T	Styrene	50.000	52.878	-5.8	78	0.00
71 P	Bromoform	50.000	52.537	-5.1	80	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	76	0.00
73 T	Isopropylbenzene	50.000	52.375	-4.8	79	0.00
74 T	N-amyl acetate	50.000	46.439	7.1	72	0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	55.360	-10.7	85	0.00
76 T	1,2,3-Trichloropropane	50.000	49.574	0.9	76	0.00
77 T	Bromobenzene	50.000	52.120	-4.2	78	0.00
78 T	n-propylbenzene	50.000	52.044	-4.1	77	0.00
79 T	2-Chlorotoluene	50.000	50.777	-1.6	76	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.822	-1.6	76	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.849	10.3	72	0.00
82 T	4-Chlorotoluene	50.000	50.304	-0.6	74	0.00
83 T	tert-Butylbenzene	50.000	52.759	-5.5	79	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.919	-1.8	75	0.00
85 T	sec-Butylbenzene	50.000	52.239	-4.5	77	0.00
86 T	p-Isopropyltoluene	50.000	51.884	-3.8	77	0.00
87 T	1,3-Dichlorobenzene	50.000	52.302	-4.6	78	0.00
88 T	1,4-Dichlorobenzene	50.000	52.297	-4.6	79	0.00
89 T	n-Butylbenzene	50.000	50.922	-1.8	74	0.00
90 T	Hexachloroethane	50.000	51.508	-3.0	77	0.00
91 T	1,2-Dichlorobenzene	50.000	53.038	-6.1	80	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.067	-2.1	80	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.582	-3.2	76	0.00
94 T	Hexachlorobutadiene	50.000	48.374	3.3	72	0.00
95 T	Naphthalene	50.000	52.156	-4.3	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.056	-2.1	77	0.00

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