

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052325\
 Data File : VY022407.D
 Acq On : 23 May 2025 14:34
 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: May 23 23:19:00 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	83	0.01
2 T	Dichlorodifluoromethane	50.000	50.667	-1.3	86	0.00
3 P	Chloromethane	50.000	59.771	-19.5	104	0.01
4 C	Vinyl Chloride	50.000	63.990	-28.0#	107	0.00
5 T	Bromomethane	50.000	93.610	-87.2#	176	0.00
6 T	Chloroethane	50.000	76.947	-53.9#	128	0.00
7 T	Trichlorofluoromethane	50.000	58.240	-16.5	98	0.00
8 T	Diethyl Ether	50.000	51.162	-2.3	86	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	55.449	-10.9	92	0.00
10 T	Methyl Iodide	50.000	56.212	-12.4	84	0.00
11 T	Tert butyl alcohol	250.000	233.304	6.7	83	0.02
12 CM	1,1-Dichloroethene	50.000	54.199	-8.4#	89	0.01
13 T	Acrolein	250.000	20.087	92.0#	7	0.02
14 T	Allyl chloride	50.000	46.134	7.7	75	0.02
15 T	Acrylonitrile	250.000	251.450	-0.6	85	0.01
16 T	Acetone	250.000	274.484	-9.8	100	0.02
17 T	Carbon Disulfide	50.000	53.502	-7.0	88	0.00
18 T	Methyl Acetate	50.000	42.944	14.1	76	0.01
19 T	Methyl tert-butyl Ether	50.000	52.026	-4.1	87	0.01
20 T	Methylene Chloride	50.000	46.098	7.8	85	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.266	-6.5	88	0.02
22 T	Diisopropyl ether	50.000	47.129	5.7	78	0.01
23 T	Vinyl Acetate	250.000	241.628	3.3	81	0.01
24 P	1,1-Dichloroethane	50.000	51.413	-2.8	84	0.00
25 T	2-Butanone	250.000	240.768	3.7	85	0.01
26 T	2,2-Dichloropropane	50.000	52.796	-5.6	87	0.01
27 T	cis-1,2-Dichloroethene	50.000	54.670	-9.3	89	0.00
28 T	Bromochloromethane	50.000	47.928	4.1	79	0.00
29 T	Tetrahydrofuran	250.000	235.730	5.7	81	0.01
30 C	Chloroform	50.000	53.578	-7.2#	87	0.00
31 T	Cyclohexane	50.000	48.361	3.3	84	0.01
32 T	1,1,1-Trichloroethane	50.000	52.075	-4.2	86	0.01
33 S	1,2-Dichloroethane-d4	50.000	43.448	13.1	73	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35 S	Dibromofluoromethane	50.000	46.982	6.0	78	0.00
36 T	1,1-Dichloropropene	50.000	53.349	-6.7	87	0.01
37 T	Ethyl Acetate	50.000	47.744	4.5	81	0.00
38 T	Carbon Tetrachloride	50.000	53.361	-6.7	88	0.01
39 T	Methylcyclohexane	50.000	54.032	-8.1	89	0.00
40 TM	Benzene	50.000	53.342	-6.7	87	0.00
41 T	Methacrylonitrile	50.000	48.401	3.2	81	0.01
42 TM	1,2-Dichloroethane	50.000	51.680	-3.4	85	0.00
43 T	Isopropyl Acetate	50.000	47.424	5.2	80	0.01
44 TM	Trichloroethene	50.000	53.270	-6.5	87	0.00
45 C	1,2-Dichloropropane	50.000	51.695	-3.4#	85	0.00
46 T	Dibromomethane	50.000	53.582	-7.2	90	0.00
47 T	Bromodichloromethane	50.000	53.066	-6.1	86	0.01
48 T	Methyl methacrylate	50.000	46.300	7.4	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1012.465	-1.2	89	0.01
50 S	Toluene-d8	50.000	43.369	13.3	72	0.01
51 T	4-Methyl-2-Pentanone	250.000	238.329	4.7	80	0.00
52 CM	Toluene	50.000	53.527	-7.1#	88	0.00
53 T	t-1,3-Dichloropropene	50.000	50.715	-1.4	84	0.01
54 T	cis-1,3-Dichloropropene	50.000	52.261	-4.5	86	0.01
55 T	1,1,2-Trichloroethane	50.000	53.693	-7.4	90	0.00
56 T	Ethyl methacrylate	50.000	51.400	-2.8	86	0.00
57 T	1,3-Dichloropropane	50.000	53.037	-6.1	88	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	255.904	-2.4	79	0.01
59 T	2-Hexanone	250.000	244.413	2.2	84	0.00
60 T	Dibromochloromethane	50.000	53.868	-7.7	88	0.01
61 T	1,2-Dibromoethane	50.000	53.833	-7.7	90	0.00
62 S	4-Bromofluorobenzene	50.000	43.119	13.8	72	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64 T	Tetrachloroethene	50.000	50.091	-0.2	83	0.00
65 PM	Chlorobenzene	50.000	52.815	-5.6	87	0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	52.064	-4.1	87	0.00
67 C	Ethyl Benzene	50.000	52.532	-5.1#	86	0.00
68 T	m/p-Xylenes	100.000	106.314	-6.3	88	0.00
69 T	o-Xylene	50.000	52.908	-5.8	88	0.01
70 T	Styrene	50.000	52.512	-5.0	87	0.00
71 P	Bromoform	50.000	50.619	-1.2	86	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	51.371	-2.7	88	0.00
74 T	N-amyl acetate	50.000	45.779	8.4	81	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.437	-4.9	92	0.00
76 T	1,2,3-Trichloropropane	50.000	49.038	1.9	86	0.00
77 T	Bromobenzene	50.000	50.501	-1.0	86	0.00
78 T	n-propylbenzene	50.000	51.904	-3.8	88	0.00
79 T	2-Chlorotoluene	50.000	49.921	0.2	85	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.370	-0.7	86	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.111	5.8	86	0.00
82 T	4-Chlorotoluene	50.000	49.894	0.2	84	0.00
83 T	tert-Butylbenzene	50.000	51.135	-2.3	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.812	-1.6	86	0.00
85 T	sec-Butylbenzene	50.000	51.842	-3.7	87	0.00
86 T	p-Isopropyltoluene	50.000	52.345	-4.7	88	0.00
87 T	1,3-Dichlorobenzene	50.000	51.356	-2.7	87	0.00
88 T	1,4-Dichlorobenzene	50.000	50.838	-1.7	87	0.00
89 T	n-Butylbenzene	50.000	52.136	-4.3	86	0.00
90 T	Hexachloroethane	50.000	49.754	0.5	85	0.00
91 T	1,2-Dichlorobenzene	50.000	50.973	-1.9	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.266	1.5	88	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.720	0.6	84	0.00
94 T	Hexachlorobutadiene	50.000	49.779	0.4	84	0.00
95 T	Naphthalene	50.000	50.366	-0.7	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.307	-0.6	86	0.00

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