

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
 Data File : VY022095.D
 Acq On : 01 May 2025 08:50
 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 01 12:52:18 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	93	0.00
2 T	Dichlorodifluoromethane	50.000	42.149	15.7	85	0.00
3 P	Chloromethane	50.000	44.656	10.7	84	0.00
4 C	Vinyl Chloride	50.000	45.411	9.2#	87	0.00
5 T	Bromomethane	50.000	39.803	20.4	80	0.00
6 T	Chloroethane	50.000	44.717	10.6	86	0.00
7 T	Trichlorofluoromethane	50.000	45.309	9.4	87	0.00
8 T	Diethyl Ether	50.000	42.745	14.5	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.342	9.3	92	0.00
10 T	Methyl Iodide	50.000	44.860	10.3	82	0.00
11 T	Tert butyl alcohol	250.000	239.412	4.2	87	0.00
12 CM	1,1-Dichloroethene	50.000	44.312	11.4#	87	0.00
13 T	Acrolein	250.000	170.015	32.0#	68	0.00
14 T	Allyl chloride	50.000	43.012	14.0	84	0.00
15 T	Acrylonitrile	250.000	234.690	6.1	88	0.00
16 T	Acetone	250.000	258.562	-3.4	92	0.00
17 T	Carbon Disulfide	50.000	43.277	13.4	86	0.00
18 T	Methyl Acetate	50.000	52.440	-4.9	95	0.00
19 T	Methyl tert-butyl Ether	50.000	46.339	7.3	85	0.00
20 T	Methylene Chloride	50.000	41.790	16.4	85	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.652	8.7	89	0.01
22 T	Diisopropyl ether	50.000	46.406	7.2	86	0.00
23 T	Vinyl Acetate	250.000	233.397	6.6	84	0.00
24 P	1,1-Dichloroethane	50.000	44.117	11.8	86	0.00
25 T	2-Butanone	250.000	237.416	5.0	88	0.00
26 T	2,2-Dichloropropane	50.000	46.061	7.9	91	0.00
27 T	cis-1,2-Dichloroethene	50.000	45.794	8.4	87	0.00
28 T	Bromochloromethane	50.000	49.056	1.9	92	0.00
29 T	Tetrahydrofuran	250.000	245.385	1.8	86	0.00
30 C	Chloroform	50.000	46.403	7.2#	90	0.00
31 T	Cyclohexane	50.000	43.571	12.9	88	0.00
32 T	1,1,1-Trichloroethane	50.000	45.518	9.0	89	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.711	6.6	86	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35 S	Dibromofluoromethane	50.000	50.745	-1.5	88	0.00
36 T	1,1-Dichloropropene	50.000	48.590	2.8	88	0.00
37 T	Ethyl Acetate	50.000	51.230	-2.5	88	0.00
38 T	Carbon Tetrachloride	50.000	49.824	0.4	90	0.00
39 T	Methylcyclohexane	50.000	49.231	1.5	87	0.00
40 TM	Benzene	50.000	49.378	1.2	89	0.00
41 T	Methacrylonitrile	50.000	45.180	9.6	74	0.00
42 TM	1,2-Dichloroethane	50.000	50.652	-1.3	90	0.00
43 T	Isopropyl Acetate	50.000	49.331	1.3	84	0.00
44 TM	Trichloroethene	50.000	50.105	-0.2	91	0.00
45 C	1,2-Dichloropropane	50.000	49.528	0.9#	88	0.00
46 T	Dibromomethane	50.000	51.032	-2.1	91	0.00
47 T	Bromodichloromethane	50.000	50.411	-0.8	89	0.00
48 T	Methyl methacrylate	50.000	52.563	-5.1	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1098.297	-9.8	96	0.00
50 S	Toluene-d8	50.000	50.988	-2.0	86	0.00
51 T	4-Methyl-2-Pentanone	250.000	274.117	-9.6	89	0.00
52 CM	Toluene	50.000	51.517	-3.0#	90	0.00
53 T	t-1,3-Dichloropropene	50.000	50.528	-1.1	86	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.447	1.1	87	0.00
55 T	1,1,2-Trichloroethane	50.000	52.135	-4.3	91	0.00
56 T	Ethyl methacrylate	50.000	52.343	-4.7	84	0.00
57 T	1,3-Dichloropropane	50.000	51.135	-2.3	89	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	282.693	-13.1	88	0.00
59 T	2-Hexanone	250.000	278.311	-11.3	89	0.00
60 T	Dibromochloromethane	50.000	52.183	-4.4	91	0.00
61 T	1,2-Dibromoethane	50.000	51.771	-3.5	90	0.00
62 S	4-Bromofluorobenzene	50.000	50.971	-1.9	87	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64 T	Tetrachloroethene	50.000	51.010	-2.0	95	0.00
65 PM	Chlorobenzene	50.000	48.212	3.6	89	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.657	0.7	90	0.00
67 C	Ethyl Benzene	50.000	49.517	1.0#	88	0.00
68 T	m/p-Xylenes	100.000	102.352	-2.4	91	0.00
69 T	o-Xylene	50.000	50.386	-0.8	88	0.00
70 T	Styrene	50.000	52.004	-4.0	90	0.00
71 P	Bromoform	50.000	51.974	-3.9	93	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73 T	Isopropylbenzene	50.000	47.953	4.1	89	0.00
74 T	N-amyl acetate	50.000	46.314	7.4	83	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.078	5.8	89	0.00
76 T	1,2,3-Trichloropropane	50.000	49.479	1.0	97	0.00
77 T	Bromobenzene	50.000	48.538	2.9	91	0.00
78 T	n-propylbenzene	50.000	48.382	3.2	89	0.00
79 T	2-Chlorotoluene	50.000	47.417	5.2	89	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.051	1.9	89	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.296	5.4	88	0.00
82 T	4-Chlorotoluene	50.000	47.904	4.2	89	0.00
83 T	tert-Butylbenzene	50.000	48.054	3.9	88	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.714	0.6	91	0.00
85 T	sec-Butylbenzene	50.000	48.777	2.4	90	0.00
86 T	p-Isopropyltoluene	50.000	49.477	1.0	91	0.00
87 T	1,3-Dichlorobenzene	50.000	47.649	4.7	92	0.00
88 T	1,4-Dichlorobenzene	50.000	47.301	5.4	92	0.00
89 T	n-Butylbenzene	50.000	47.980	4.0	89	0.00
90 T	Hexachloroethane	50.000	46.615	6.8	91	0.00
91 T	1,2-Dichlorobenzene	50.000	47.720	4.6	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.643	4.7	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.340	5.3	90	0.00
94 T	Hexachlorobutadiene	50.000	47.066	5.9	95	0.00
95 T	Naphthalene	50.000	47.598	4.8	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.678	4.6	91	0.00

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