

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040925\
 Data File : VY021806.D
 Acq On : 09 Apr 2025 09:18
 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: Apr 10 01:37:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 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	88	0.01
2 T	Dichlorodifluoromethane	50.000	44.453	11.1	80	0.00
3 P	Chloromethane	50.000	43.353	13.3	80	0.00
4 C	Vinyl Chloride	50.000	44.307	11.4#	80	0.01
5 T	Bromomethane	50.000	41.928	16.1	81	0.01
6 T	Chloroethane	50.000	46.083	7.8	85	0.01
7 T	Trichlorofluoromethane	50.000	46.892	6.2	86	0.01
8 T	Diethyl Ether	50.000	43.159	13.7	79	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.142	-0.3	91	0.01
10 T	Methyl Iodide	50.000	55.682	-11.4	91	0.01
11 T	Tert butyl alcohol	250.000	176.734	29.3#	65	0.03
12 CM	1,1-Dichloroethene	50.000	46.610	6.8#	83	0.01
13 T	Acrolein	250.000	61.216	75.5#	22	0.02
14 T	Allyl chloride	50.000	45.386	9.2	80	0.01
15 T	Acrylonitrile	250.000	227.820	8.9	79	0.01
16 T	Acetone	250.000	231.402	7.4	84	0.01
17 T	Carbon Disulfide	50.000	47.137	5.7	84	0.01
18 T	Methyl Acetate	50.000	53.317	-6.6	97	0.01
19 T	Methyl tert-butyl Ether	50.000	45.410	9.2	79	0.01
20 T	Methylene Chloride	50.000	52.157	-4.3	88	0.02
21 T	trans-1,2-Dichloroethene	50.000	48.537	2.9	87	0.01
22 T	Diisopropyl ether	50.000	49.607	0.8	85	0.01
23 T	Vinyl Acetate	250.000	224.745	10.1	76	0.01
24 P	1,1-Dichloroethane	50.000	48.343	3.3	86	0.01
25 T	2-Butanone	250.000	225.466	9.8	79	0.00
26 T	2,2-Dichloropropane	50.000	48.733	2.5	87	0.01
27 T	cis-1,2-Dichloroethene	50.000	47.909	4.2	84	0.01
28 T	Bromochloromethane	50.000	49.477	1.0	90	0.01
29 T	Tetrahydrofuran	250.000	221.518	11.4	75	0.01
30 C	Chloroform	50.000	49.691	0.6#	88	0.00
31 T	Cyclohexane	50.000	45.986	8.0	84	0.01
32 T	1,1,1-Trichloroethane	50.000	48.868	2.3	87	0.01
33 S	1,2-Dichloroethane-d4	50.000	48.259	3.5	84	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35 S	Dibromofluoromethane	50.000	54.766	-9.5	84	0.00
36 T	1,1-Dichloropropene	50.000	55.420	-10.8	88	0.01
37 T	Ethyl Acetate	50.000	47.827	4.3	76	0.00
38 T	Carbon Tetrachloride	50.000	54.969	-9.9	88	0.00
39 T	Methylcyclohexane	50.000	54.005	-8.0	83	0.00
40 TM	Benzene	50.000	54.786	-9.6	87	0.01
41 T	Methacrylonitrile	50.000	55.083	-10.2	80	0.01
42 TM	1,2-Dichloroethane	50.000	53.556	-7.1	85	0.00
43 T	Isopropyl Acetate	50.000	47.972	4.1	75	0.01
44 TM	Trichloroethene	50.000	55.456	-10.9	90	0.00
45 C	1,2-Dichloropropane	50.000	54.284	-8.6#	86	0.00
46 T	Dibromomethane	50.000	54.653	-9.3	89	0.00
47 T	Bromodichloromethane	50.000	55.159	-10.3	88	0.01
48 T	Methyl methacrylate	50.000	52.427	-4.9	81	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1000.318	-0.0	78	0.01
50 S	Toluene-d8	50.000	55.629	-11.3	84	0.00
51 T	4-Methyl-2-Pentanone	250.000	262.818	-5.1	80	0.00
52 CM	Toluene	50.000	57.164	-14.3#	89	0.00
53 T	t-1,3-Dichloropropene	50.000	51.297	-2.6	79	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.441	-4.9	82	0.01
55 T	1,1,2-Trichloroethane	50.000	54.449	-8.9	87	0.00
56 T	Ethyl methacrylate	50.000	53.620	-7.2	78	0.00
57 T	1,3-Dichloropropane	50.000	53.912	-7.8	84	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	282.989	-13.2	82	0.00
59 T	2-Hexanone	250.000	268.727	-7.5	81	0.00
60 T	Dibromochloromethane	50.000	55.911	-11.8	87	0.01
61 T	1,2-Dibromoethane	50.000	53.991	-8.0	83	0.00
62 S	4-Bromofluorobenzene	50.000	54.569	-9.1	83	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64 T	Tetrachloroethene	50.000	59.576	-19.2	101	0.01
65 PM	Chlorobenzene	50.000	52.430	-4.9	87	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.163	-6.3	88	0.00
67 C	Ethyl Benzene	50.000	54.770	-9.5#	88	0.00
68 T	m/p-Xylenes	100.000	111.123	-11.1	89	0.00
69 T	o-Xylene	50.000	55.072	-10.1	87	0.00
70 T	Styrene	50.000	56.151	-12.3	88	0.00
71 P	Bromoform	50.000	52.084	-4.2	85	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	52.039	-4.1	88	0.00
74 T	N-amyl acetate	50.000	45.662	8.7	75	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.358	7.3	82	0.00
76 T	1,2,3-Trichloropropane	50.000	51.137	-2.3	88	0.01
77 T	Bromobenzene	50.000	50.463	-0.9	88	0.01
78 T	n-propylbenzene	50.000	53.563	-7.1	90	0.00
79 T	2-Chlorotoluene	50.000	52.017	-4.0	88	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.393	-6.8	89	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.521	13.0	73	0.00
82 T	4-Chlorotoluene	50.000	52.341	-4.7	89	0.00
83 T	tert-Butylbenzene	50.000	51.504	-3.0	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.969	-7.9	90	0.01
85 T	sec-Butylbenzene	50.000	53.061	-6.1	89	0.00
86 T	p-Isopropyltoluene	50.000	54.581	-9.2	90	0.00
87 T	1,3-Dichlorobenzene	50.000	52.521	-5.0	92	0.01
88 T	1,4-Dichlorobenzene	50.000	51.681	-3.4	89	0.01
89 T	n-Butylbenzene	50.000	52.851	-5.7	87	0.01
90 T	Hexachloroethane	50.000	48.783	2.4	86	0.01
91 T	1,2-Dichlorobenzene	50.000	52.519	-5.0	91	0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.314	9.4	80	0.01
93 T	1,2,4-Trichlorobenzene	50.000	50.774	-1.5	83	0.01
94 T	Hexachlorobutadiene	50.000	52.652	-5.3	90	0.01
95 T	Naphthalene	50.000	49.040	1.9	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.561	-1.1	83	0.01

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