

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040325\
 Data File : VY021774.D
 Acq On : 03 Apr 2025 15:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 04 01:32:11 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	93	0.00
2 T	Dichlorodifluoromethane	50.000	46.229	7.5	88	0.00
3 P	Chloromethane	50.000	45.373	9.3	88	0.00
4 C	Vinyl Chloride	50.000	46.315	7.4#	88	0.00
5 T	Bromomethane	50.000	44.385	11.2	90	0.00
6 T	Chloroethane	50.000	46.666	6.7	91	0.00
7 T	Trichlorofluoromethane	50.000	47.211	5.6	91	0.00
8 T	Diethyl Ether	50.000	46.508	7.0	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.587	2.8	93	0.00
10 T	Methyl Iodide	50.000	51.852	-3.7	90	0.00
11 T	Tert butyl alcohol	250.000	208.988	16.4	81	0.00
12 CM	1,1-Dichloroethene	50.000	47.648	4.7#	90	0.00
13 T	Acrolein	250.000	113.958	54.4#	43	0.00
14 T	Allyl chloride	50.000	49.198	1.6	91	0.00
15 T	Acrylonitrile	250.000	235.608	5.8	86	0.00
16 T	Acetone	250.000	231.526	7.4	89	0.00
17 T	Carbon Disulfide	50.000	46.651	6.7	88	0.00
18 T	Methyl Acetate	50.000	54.053	-8.1	104	0.00
19 T	Methyl tert-butyl Ether	50.000	48.299	3.4	88	0.00
20 T	Methylene Chloride	50.000	52.675	-5.3	94	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.372	3.3	91	0.00
22 T	Diisopropyl ether	50.000	50.694	-1.4	92	0.00
23 T	Vinyl Acetate	250.000	236.869	5.3	84	0.00
24 P	1,1-Dichloroethane	50.000	49.251	1.5	92	0.00
25 T	2-Butanone	250.000	232.560	7.0	86	0.00
26 T	2,2-Dichloropropane	50.000	49.249	1.5	93	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.788	0.4	92	0.00
28 T	Bromochloromethane	50.000	48.358	3.3	93	0.00
29 T	Tetrahydrofuran	250.000	234.792	6.1	84	0.00
30 C	Chloroform	50.000	48.972	2.1#	92	0.00
31 T	Cyclohexane	50.000	47.185	5.6	91	0.00
32 T	1,1,1-Trichloroethane	50.000	48.353	3.3	91	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.418	1.2	91	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35 S	Dibromofluoromethane	50.000	50.921	-1.8	90	0.00
36 T	1,1-Dichloropropene	50.000	49.637	0.7	91	0.00
37 T	Ethyl Acetate	50.000	44.877	10.2	82	0.00
38 T	Carbon Tetrachloride	50.000	49.511	1.0	92	0.00
39 T	Methylcyclohexane	50.000	51.744	-3.5	91	0.00
40 TM	Benzene	50.000	50.078	-0.2	92	0.00
41 T	Methacrylonitrile	50.000	51.964	-3.9	87	-0.01
42 TM	1,2-Dichloroethane	50.000	48.626	2.7	90	0.00
43 T	Isopropyl Acetate	50.000	46.928	6.1	85	0.00
44 TM	Trichloroethene	50.000	50.562	-1.1	94	0.00
45 C	1,2-Dichloropropane	50.000	50.363	-0.7#	93	0.00
46 T	Dibromomethane	50.000	49.330	1.3	93	0.00
47 T	Bromodichloromethane	50.000	50.458	-0.9	93	0.00
48 T	Methyl methacrylate	50.000	50.003	-0.0	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	961.046	3.9	86	0.00
50 S	Toluene-d8	50.000	52.533	-5.1	92	0.00
51 T	4-Methyl-2-Pentanone	250.000	241.489	3.4	85	0.00
52 CM	Toluene	50.000	51.123	-2.2#	92	0.00
53 T	t-1,3-Dichloropropene	50.000	50.338	-0.7	89	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.031	-2.1	92	0.00
55 T	1,1,2-Trichloroethane	50.000	49.521	1.0	91	0.00
56 T	Ethyl methacrylate	50.000	50.120	-0.2	84	0.00
57 T	1,3-Dichloropropane	50.000	49.759	0.5	90	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	267.497	-7.0	89	0.00
59 T	2-Hexanone	250.000	245.487	1.8	85	0.00
60 T	Dibromochloromethane	50.000	50.410	-0.8	91	0.00
61 T	1,2-Dibromoethane	50.000	49.995	0.0	89	0.00
62 S	4-Bromofluorobenzene	50.000	53.692	-7.4	95	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64 T	Tetrachloroethene	50.000	51.476	-3.0	98	0.00
65 PM	Chlorobenzene	50.000	48.969	2.1	91	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.882	2.2	91	0.00
67 C	Ethyl Benzene	50.000	50.962	-1.9#	92	0.00
68 T	m/p-Xylenes	100.000	102.261	-2.3	92	0.00
69 T	o-Xylene	50.000	52.072	-4.1	92	0.00
70 T	Styrene	50.000	53.132	-6.3	94	0.00
71 P	Bromoform	50.000	49.111	1.8	90	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	48.043	3.9	92	0.00
74 T	N-amyl acetate	50.000	45.167	9.7	85	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	43.025	14.0	86	0.00
76 T	1,2,3-Trichloropropane	50.000	43.864	12.3	86	0.00
77 T	Bromobenzene	50.000	46.044	7.9	91	0.00
78 T	n-propylbenzene	50.000	48.790	2.4	93	0.00
79 T	2-Chlorotoluene	50.000	47.523	5.0	92	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.991	2.0	93	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.125	11.8	84	0.00
82 T	4-Chlorotoluene	50.000	47.606	4.8	92	0.00
83 T	tert-Butylbenzene	50.000	48.526	2.9	93	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.115	1.8	93	0.00
85 T	sec-Butylbenzene	50.000	48.762	2.5	93	0.00
86 T	p-Isopropyltoluene	50.000	49.600	0.8	93	0.00
87 T	1,3-Dichlorobenzene	50.000	47.325	5.3	94	0.00
88 T	1,4-Dichlorobenzene	50.000	47.056	5.9	93	0.00
89 T	n-Butylbenzene	50.000	49.633	0.7	93	0.00
90 T	Hexachloroethane	50.000	47.044	5.9	94	0.00
91 T	1,2-Dichlorobenzene	50.000	47.385	5.2	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	43.961	12.1	88	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.198	-0.4	94	0.00
94 T	Hexachlorobutadiene	50.000	48.847	2.3	95	0.00
95 T	Naphthalene	50.000	50.090	-0.2	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.512	-1.0	94	0.00

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