

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031825\
 Data File : VY021561.D
 Acq On : 18 Mar 2025 15:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 19 01:39:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 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	91	0.00
2 T	Dichlorodifluoromethane	50.000	42.378	15.2	79	0.00
3 P	Chloromethane	50.000	46.333	7.3	88	0.00
4 C	Vinyl Chloride	50.000	51.168	-2.3#	95	0.00
5 T	Bromomethane	50.000	49.582	0.8	98	0.00
6 T	Chloroethane	50.000	57.023	-14.0	105	0.00
7 T	Trichlorofluoromethane	50.000	54.579	-9.2	101	0.00
8 T	Diethyl Ether	50.000	51.654	-3.3	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.441	5.1	90	-0.02
10 T	Methyl Iodide	50.000	56.414	-12.8	93	0.00
11 T	Tert butyl alcohol	250.000	292.948	-17.2	95	-0.01
12 CM	1,1-Dichloroethene	50.000	48.331	3.3#	89	-0.01
13 T	Acrolein	250.000	26.774	89.3#	57	0.00
14 T	Allyl chloride	50.000	51.235	-2.5	92	-0.01
15 T	Acrylonitrile	250.000	275.226	-10.1	93	-0.01
16 T	Acetone	250.000	217.569	13.0	68	0.00
17 T	Carbon Disulfide	50.000	45.408	9.2	81	-0.01
18 T	Methyl Acetate	50.000	74.940	-49.9#	122	0.00
19 T	Methyl tert-butyl Ether	50.000	53.843	-7.7	93	0.00
20 T	Methylene Chloride	50.000	48.695	2.6	97	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.215	1.6	91	-0.01
22 T	Diisopropyl ether	50.000	52.745	-5.5	92	0.00
23 T	Vinyl Acetate	250.000	253.686	-1.5	85	-0.01
24 P	1,1-Dichloroethane	50.000	51.341	-2.7	94	-0.01
25 T	2-Butanone	250.000	251.889	-0.8	81	0.00
26 T	2,2-Dichloropropane	50.000	47.962	4.1	90	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.047	-4.1	94	0.00
28 T	Bromochloromethane	50.000	52.717	-5.4	90	0.00
29 T	Tetrahydrofuran	250.000	273.064	-9.2	88	0.00
30 C	Chloroform	50.000	52.017	-4.0#	95	0.00
31 T	Cyclohexane	50.000	44.018	12.0	84	0.00
32 T	1,1,1-Trichloroethane	50.000	50.161	-0.3	93	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.624	-7.2	107	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35 S	Dibromofluoromethane	50.000	52.355	-4.7	110	0.00
36 T	1,1-Dichloropropene	50.000	47.229	5.5	88	0.00
37 T	Ethyl Acetate	50.000	50.575	-1.2	87	0.00
38 T	Carbon Tetrachloride	50.000	47.630	4.7	91	0.00
39 T	Methylcyclohexane	50.000	45.390	9.2	83	0.00
40 TM	Benzene	50.000	49.505	1.0	92	0.00
41 T	Methacrylonitrile	50.000	51.533	-3.1	92	0.00
42 TM	1,2-Dichloroethane	50.000	50.883	-1.8	93	0.00
43 T	Isopropyl Acetate	50.000	51.206	-2.4	88	0.00
44 TM	Trichloroethene	50.000	49.439	1.1	94	0.00
45 C	1,2-Dichloropropane	50.000	50.750	-1.5#	94	0.00
46 T	Dibromomethane	50.000	51.055	-2.1	91	0.00
47 T	Bromodichloromethane	50.000	52.206	-4.4	96	0.00
48 T	Methyl methacrylate	50.000	53.133	-6.3	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1169.204	-16.9	96	0.00
50 S	Toluene-d8	50.000	50.471	-0.9	104	0.00
51 T	4-Methyl-2-Pentanone	250.000	273.072	-9.2	89	0.00
52 CM	Toluene	50.000	49.659	0.7#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	52.296	-4.6	93	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.237	-2.5	92	0.00
55 T	1,1,2-Trichloroethane	50.000	51.643	-3.3	90	0.00
56 T	Ethyl methacrylate	50.000	54.973	-9.9	91	0.00
57 T	1,3-Dichloropropane	50.000	52.228	-4.5	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	290.572	-16.2	97	0.00
59 T	2-Hexanone	250.000	271.528	-8.6	85	0.00
60 T	Dibromochloromethane	50.000	53.162	-6.3	96	0.00
61 T	1,2-Dibromoethane	50.000	52.321	-4.6	93	0.00
62 S	4-Bromofluorobenzene	50.000	52.120	-4.2	108	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	53.690	-7.4	103	0.00
65 PM	Chlorobenzene	50.000	49.314	1.4	93	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.171	-2.3	96	0.00
67 C	Ethyl Benzene	50.000	49.512	1.0#	91	0.00
68 T	m/p-Xylenes	100.000	99.471	0.5	90	0.00
69 T	o-Xylene	50.000	51.122	-2.2	93	0.00
70 T	Styrene	50.000	51.788	-3.6	93	0.00
71 P	Bromoform	50.000	52.788	-5.6	93	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	48.151	3.7	91	0.00
74 T	N-amyl acetate	50.000	49.729	0.5	86	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.446	3.1	89	0.00
76 T	1,2,3-Trichloropropane	50.000	52.211	-4.4	103	0.00
77 T	Bromobenzene	50.000	48.970	2.1	94	0.00
78 T	n-propylbenzene	50.000	47.854	4.3	90	0.00
79 T	2-Chlorotoluene	50.000	48.098	3.8	92	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.684	2.6	92	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.116	5.8	84	0.00
82 T	4-Chlorotoluene	50.000	48.695	2.6	93	0.00
83 T	tert-Butylbenzene	50.000	48.519	3.0	91	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.502	1.0	93	0.00
85 T	sec-Butylbenzene	50.000	47.776	4.4	90	0.00
86 T	p-Isopropyltoluene	50.000	48.721	2.6	91	0.00
87 T	1,3-Dichlorobenzene	50.000	48.530	2.9	95	0.00
88 T	1,4-Dichlorobenzene	50.000	48.578	2.8	94	0.00
89 T	n-Butylbenzene	50.000	48.780	2.4	90	0.00
90 T	Hexachloroethane	50.000	47.944	4.1	95	0.00
91 T	1,2-Dichlorobenzene	50.000	49.449	1.1	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.317	-2.6	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.296	-2.6	93	0.00
94 T	Hexachlorobutadiene	50.000	49.753	0.5	94	0.00
95 T	Naphthalene	50.000	53.290	-6.6	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.324	-4.6	94	0.00

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