

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
 Data File : VY021451.D
 Acq On : 07 Mar 2025 09:59
 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: Mar 07 21:59:36 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	90	0.00
2 T	Dichlorodifluoromethane	50.000	47.633	4.7	88	0.00
3 P	Chloromethane	50.000	51.160	-2.3	97	0.00
4 C	Vinyl Chloride	50.000	54.913	-9.8#	102	0.00
5 T	Bromomethane	50.000	50.038	-0.1	99	0.00
6 T	Chloroethane	50.000	58.478	-17.0	107	0.00
7 T	Trichlorofluoromethane	50.000	58.999	-18.0	109	0.00
8 T	Diethyl Ether	50.000	49.389	1.2	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.194	-2.4	97	-0.01
10 T	Methyl Iodide	50.000	53.524	-7.0	88	0.00
11 T	Tert butyl alcohol	250.000	217.181	13.1	72	0.00
12 CM	1,1-Dichloroethene	50.000	49.960	0.1#	92	0.00
13 T	Acrolein	250.000	36.213	85.5#	77	-0.01
14 T	Allyl chloride	50.000	51.698	-3.4	92	-0.01
15 T	Acrylonitrile	250.000	247.916	0.8	84	0.00
16 T	Acetone	250.000	263.075	-5.2	82	0.00
17 T	Carbon Disulfide	50.000	50.695	-1.4	90	-0.01
18 T	Methyl Acetate	50.000	54.782	-9.6	89	0.00
19 T	Methyl tert-butyl Ether	50.000	50.102	-0.2	86	0.00
20 T	Methylene Chloride	50.000	47.532	4.9	94	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.991	-2.0	94	-0.01
22 T	Diisopropyl ether	50.000	53.324	-6.6	93	0.00
23 T	Vinyl Acetate	250.000	259.094	-3.6	86	-0.01
24 P	1,1-Dichloroethane	50.000	51.872	-3.7	94	-0.01
25 T	2-Butanone	250.000	255.158	-2.1	82	0.00
26 T	2,2-Dichloropropane	50.000	51.037	-2.1	96	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.675	-3.3	93	0.00
28 T	Bromochloromethane	50.000	50.561	-1.1	87	0.00
29 T	Tetrahydrofuran	250.000	249.797	0.1	80	0.00
30 C	Chloroform	50.000	52.525	-5.0#	96	0.00
31 T	Cyclohexane	50.000	49.578	0.8	94	0.00
32 T	1,1,1-Trichloroethane	50.000	51.456	-2.9	96	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.673	-5.3	104	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35 S	Dibromofluoromethane	50.000	53.591	-7.2	107	0.00
36 T	1,1-Dichloropropene	50.000	52.968	-5.9	95	0.00
37 T	Ethyl Acetate	50.000	50.906	-1.8	84	0.00
38 T	Carbon Tetrachloride	50.000	52.161	-4.3	95	0.00
39 T	Methylcyclohexane	50.000	53.775	-7.5	94	0.00
40 TM	Benzene	50.000	52.639	-5.3	93	0.00
41 T	Methacrylonitrile	50.000	47.747	4.5	81	0.00
42 TM	1,2-Dichloroethane	50.000	52.784	-5.6	92	0.00
43 T	Isopropyl Acetate	50.000	50.147	-0.3	83	0.00
44 TM	Trichloroethene	50.000	51.581	-3.2	93	0.00
45 C	1,2-Dichloropropane	50.000	53.180	-6.4#	94	0.00
46 T	Dibromomethane	50.000	52.704	-5.4	90	0.00
47 T	Bromodichloromethane	50.000	53.225	-6.5	93	0.00
48 T	Methyl methacrylate	50.000	52.875	-5.8	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1043.032	-4.3	82	0.00
50 S	Toluene-d8	50.000	54.278	-8.6	107	0.00
51 T	4-Methyl-2-Pentanone	250.000	259.306	-3.7	81	0.00
52 CM	Toluene	50.000	53.643	-7.3#	93	0.00
53 T	t-1,3-Dichloropropene	50.000	53.613	-7.2	91	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.116	-6.2	91	0.00
55 T	1,1,2-Trichloroethane	50.000	52.982	-6.0	89	0.00
56 T	Ethyl methacrylate	50.000	53.277	-6.6	84	0.00
57 T	1,3-Dichloropropane	50.000	52.334	-4.7	90	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	272.111	-8.8	87	0.00
59 T	2-Hexanone	250.000	270.623	-8.2	81	0.00
60 T	Dibromochloromethane	50.000	53.002	-6.0	91	0.00
61 T	1,2-Dibromoethane	50.000	51.922	-3.8	89	0.00
62 S	4-Bromofluorobenzene	50.000	54.511	-9.0	108	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	50.830	-1.7	93	0.00
65 PM	Chlorobenzene	50.000	51.617	-3.2	93	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.396	-4.8	94	0.00
67 C	Ethyl Benzene	50.000	53.561	-7.1#	95	0.00
68 T	m/p-Xylenes	100.000	107.493	-7.5	94	0.00
69 T	o-Xylene	50.000	53.130	-6.3	92	0.00
70 T	Styrene	50.000	54.815	-9.6	94	0.00
71 P	Bromoform	50.000	51.417	-2.8	87	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73 T	Isopropylbenzene	50.000	51.329	-2.7	93	0.00
74 T	N-ethyl acetate	50.000	50.351	-0.7	85	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.988	2.0	87	0.00
76 T	1,2,3-Trichloropropane	50.000	51.663	-3.3	99	0.00
77 T	Bromobenzene	50.000	49.420	1.2	92	0.00
78 T	n-propylbenzene	50.000	52.163	-4.3	95	0.00
79 T	2-Chlorotoluene	50.000	50.900	-1.8	95	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.417	-4.8	96	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.829	2.3	85	0.00
82 T	4-Chlorotoluene	50.000	50.423	-0.8	94	0.00
83 T	tert-Butylbenzene	50.000	52.108	-4.2	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.510	-5.0	95	0.00
85 T	sec-Butylbenzene	50.000	51.710	-3.4	94	0.00
86 T	p-Isopropyltoluene	50.000	52.732	-5.5	96	0.00
87 T	1,3-Dichlorobenzene	50.000	49.887	0.2	94	0.00
88 T	1,4-Dichlorobenzene	50.000	50.207	-0.4	94	0.00
89 T	n-Butylbenzene	50.000	53.928	-7.9	96	0.00
90 T	Hexachloroethane	50.000	50.283	-0.6	96	0.00
91 T	1,2-Dichlorobenzene	50.000	50.277	-0.6	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.273	1.5	89	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.485	-3.0	91	0.00
94 T	Hexachlorobutadiene	50.000	52.790	-5.6	96	0.00
95 T	Naphthalene	50.000	49.826	0.3	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.280	-2.6	89	0.00

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