

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031425\
 Data File : VY021530.D
 Acq On : 14 Mar 2025 10:38
 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 15 01:58:17 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	89	0.00
2 T	Dichlorodifluoromethane	50.000	44.575	10.8	81	0.00
3 P	Chloromethane	50.000	49.278	1.4	92	0.00
4 C	Vinyl Chloride	50.000	52.571	-5.1#	95	0.00
5 T	Bromomethane	50.000	49.154	1.7	95	-0.02
6 T	Chloroethane	50.000	55.860	-11.7	101	-0.01
7 T	Trichlorofluoromethane	50.000	52.676	-5.4	95	-0.02
8 T	Diethyl Ether	50.000	51.806	-3.6	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.916	2.2	91	-0.02
10 T	Methyl Iodide	50.000	52.695	-5.4	85	-0.01
11 T	Tert butyl alcohol	250.000	315.525	-26.2#	100	-0.02
12 CM	1,1-Dichloroethene	50.000	48.112	3.8#	87	-0.01
13 T	Acrolein	250.000	70.752	71.7#	148	-0.02
14 T	Allyl chloride	50.000	49.286	1.4	86	-0.02
15 T	Acrylonitrile	250.000	286.784	-14.7	95	-0.01
16 T	Acetone	250.000	280.383	-12.2	85	0.00
17 T	Carbon Disulfide	50.000	46.155	7.7	81	-0.02
18 T	Methyl Acetate	50.000	68.389	-36.8#	109	-0.01
19 T	Methyl tert-butyl Ether	50.000	53.788	-7.6	91	-0.01
20 T	Methylene Chloride	50.000	46.468	7.1	90	-0.01
21 T	trans-1,2-Dichloroethene	50.000	48.671	2.7	88	-0.02
22 T	Diisopropyl ether	50.000	52.440	-4.9	90	-0.01
23 T	Vinyl Acetate	250.000	270.541	-8.2	88	-0.01
24 P	1,1-Dichloroethane	50.000	49.730	0.5	89	-0.02
25 T	2-Butanone	250.000	288.363	-15.3	90	0.00
26 T	2,2-Dichloropropane	50.000	47.391	5.2	87	-0.01
27 T	cis-1,2-Dichloroethene	50.000	49.372	1.3	87	-0.01
28 T	Bromochloromethane	50.000	54.020	-8.0	91	-0.01
29 T	Tetrahydrofuran	250.000	298.652	-19.5	94	-0.01
30 C	Chloroform	50.000	50.494	-1.0#	90	-0.01
31 T	Cyclohexane	50.000	44.756	10.5	84	-0.01
32 T	1,1,1-Trichloroethane	50.000	48.706	2.6	89	-0.01
33 S	1,2-Dichloroethane-d4	50.000	46.764	6.5	91	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	90	-0.01
35 S	Dibromofluoromethane	50.000	46.294	7.4	92	-0.01
36 T	1,1-Dichloropropene	50.000	47.260	5.5	84	-0.01
37 T	Ethyl Acetate	50.000	56.529	-13.1	93	-0.01
38 T	Carbon Tetrachloride	50.000	48.765	2.5	88	0.00
39 T	Methylcyclohexane	50.000	47.987	4.0	84	0.00
40 TM	Benzene	50.000	49.519	1.0	87	0.00
41 T	Methacrylonitrile	50.000	59.738	-19.5	102	0.00
42 TM	1,2-Dichloroethane	50.000	51.630	-3.3	90	-0.01
43 T	Isopropyl Acetate	50.000	56.310	-12.6	93	0.00
44 TM	Trichloroethene	50.000	49.482	1.0	89	-0.01
45 C	1,2-Dichloropropane	50.000	50.921	-1.8#	90	0.00
46 T	Dibromomethane	50.000	54.410	-8.8	92	0.00
47 T	Bromodichloromethane	50.000	52.159	-4.3	91	0.00
48 T	Methyl methacrylate	50.000	56.436	-12.9	90	0.00

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

49 T	1,4-Dioxane	1000.000	1335.615	-33.6#	105	0.00
50 S	Toluene-d8	50.000	44.658	10.7	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	305.741	-22.3	95	0.00
52 CM	Toluene	50.000	50.373	-0.7#	88	0.00
53 T	t-1,3-Dichloropropene	50.000	54.238	-8.5	92	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.266	-4.5	89	0.00
55 T	1,1,2-Trichloroethane	50.000	53.882	-7.8	90	0.00
56 T	Ethyl methacrylate	50.000	58.822	-17.6	92	0.00
57 T	1,3-Dichloropropane	50.000	53.893	-7.8	92	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	276.155	-10.5	88	0.00
59 T	2-Hexanone	250.000	315.885	-26.4#	94	0.00
60 T	Dibromochloromethane	50.000	53.705	-7.4	92	0.00
61 T	1,2-Dibromoethane	50.000	54.788	-9.6	93	0.00
62 S	4-Bromofluorobenzene	50.000	46.015	8.0	91	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	52.799	-5.6	97	0.00
65 PM	Chlorobenzene	50.000	48.782	2.4	89	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.905	0.2	90	0.00
67 C	Ethyl Benzene	50.000	49.469	1.1#	88	0.00
68 T	m/p-Xylenes	100.000	99.552	0.4	87	0.00
69 T	o-Xylene	50.000	50.296	-0.6	88	0.00
70 T	Styrene	50.000	51.919	-3.8	89	0.00
71 P	Bromoform	50.000	53.961	-7.9	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73 T	Isopropylbenzene	50.000	47.783	4.4	88	0.00
74 T	N-amyl acetate	50.000	54.693	-9.4	93	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.420	-0.8	91	0.00
76 T	1,2,3-Trichloropropane	50.000	54.307	-8.6	105	0.00
77 T	Bromobenzene	50.000	48.123	3.8	90	0.00
78 T	n-propylbenzene	50.000	47.763	4.5	88	0.00
79 T	2-Chlorotoluene	50.000	47.386	5.2	89	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.538	2.9	90	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.724	-1.4	89	0.00
82 T	4-Chlorotoluene	50.000	48.284	3.4	90	0.00
83 T	tert-Butylbenzene	50.000	48.643	2.7	89	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.832	2.3	89	0.00
85 T	sec-Butylbenzene	50.000	48.133	3.7	88	0.00
86 T	p-Isopropyltoluene	50.000	48.998	2.0	90	0.00
87 T	1,3-Dichlorobenzene	50.000	48.194	3.6	92	0.00
88 T	1,4-Dichlorobenzene	50.000	48.282	3.4	91	0.00
89 T	n-Butylbenzene	50.000	49.650	0.7	89	0.00
90 T	Hexachloroethane	50.000	47.148	5.7	91	0.00
91 T	1,2-Dichlorobenzene	50.000	49.133	1.7	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.042	-8.1	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.058	-4.1	93	0.00
94 T	Hexachlorobutadiene	50.000	50.146	-0.3	92	0.00
95 T	Naphthalene	50.000	54.307	-8.6	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.378	-6.8	94	0.00

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