

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
 Data File : VY021516.D
 Acq On : 13 Mar 2025 10:31
 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 14 14:55:09 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	86	0.00
2 T	Dichlorodifluoromethane	50.000	45.748	8.5	81	0.00
3 P	Chloromethane	50.000	51.827	-3.7	94	0.00
4 C	Vinyl Chloride	50.000	54.862	-9.7#	97	0.00
5 T	Bromomethane	50.000	52.544	-5.1	99	-0.01
6 T	Chloroethane	50.000	60.121	-20.2	105	0.00
7 T	Trichlorofluoromethane	50.000	53.565	-7.1	94	-0.01
8 T	Diethyl Ether	50.000	54.820	-9.6	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.683	0.6	90	-0.01
10 T	Methyl Iodide	50.000	55.598	-11.2	87	-0.01
11 T	Tert butyl alcohol	250.000	292.213	-16.9	90	-0.01
12 CM	1,1-Dichloroethene	50.000	49.402	1.2#	87	-0.01
13 T	Acrolein	250.000	41.669	83.3#	85	-0.02
14 T	Allyl chloride	50.000	51.977	-4.0	88	-0.02
15 T	Acrylonitrile	250.000	294.544	-17.8	95	-0.01
16 T	Acetone	250.000	298.676	-19.5	88	0.00
17 T	Carbon Disulfide	50.000	49.395	1.2	84	-0.01
18 T	Methyl Acetate	50.000	69.113	-38.2#	107	0.00
19 T	Methyl tert-butyl Ether	50.000	56.342	-12.7	93	0.00
20 T	Methylene Chloride	50.000	49.698	0.6	94	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.250	-2.5	90	-0.02
22 T	Diisopropyl ether	50.000	55.491	-11.0	93	0.00
23 T	Vinyl Acetate	250.000	283.301	-13.3	90	-0.01
24 P	1,1-Dichloroethane	50.000	52.889	-5.8	92	-0.01
25 T	2-Butanone	250.000	298.515	-19.4	91	0.00
26 T	2,2-Dichloropropane	50.000	49.520	1.0	88	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.619	-7.2	92	0.00
28 T	Bromochloromethane	50.000	50.653	-1.3	83	0.00
29 T	Tetrahydrofuran	250.000	305.386	-22.2	94	0.00
30 C	Chloroform	50.000	54.256	-8.5#	94	-0.01
31 T	Cyclohexane	50.000	47.201	5.6	86	-0.01
32 T	1,1,1-Trichloroethane	50.000	52.082	-4.2	92	0.00
33 S	1,2-Dichloroethane-d4	50.000	56.409	-12.8	107	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35 S	Dibromofluoromethane	50.000	55.069	-10.1	106	0.00
36 T	1,1-Dichloropropene	50.000	51.978	-4.0	89	0.00
37 T	Ethyl Acetate	50.000	61.011	-22.0	97	0.00
38 T	Carbon Tetrachloride	50.000	51.777	-3.6	90	0.00
39 T	Methylcyclohexane	50.000	50.417	-0.8	85	-0.01
40 TM	Benzene	50.000	53.404	-6.8	91	0.00
41 T	Methacrylonitrile	50.000	59.779	-19.6	98	0.00
42 TM	1,2-Dichloroethane	50.000	56.523	-13.0	95	-0.01
43 T	Isopropyl Acetate	50.000	59.018	-18.0	93	0.00
44 TM	Trichloroethene	50.000	52.701	-5.4	92	-0.01
45 C	1,2-Dichloropropane	50.000	55.176	-10.4#	94	0.00
46 T	Dibromomethane	50.000	57.954	-15.9	95	0.00
47 T	Bromodichloromethane	50.000	56.459	-12.9	95	0.00
48 T	Methyl methacrylate	50.000	61.046	-22.1	94	0.00

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

49 T	1,4-Dioxane	1000.000	1347.757	-34.8#	102	0.00
50 S	Toluene-d8	50.000	53.353	-6.7	101	0.00
51 T	4-Methyl-2-Pentanone	250.000	316.212	-26.5#	95	0.00
52 CM	Toluene	50.000	54.659	-9.3#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	57.767	-15.5	94	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.028	-12.1	92	0.00
55 T	1,1,2-Trichloroethane	50.000	59.110	-18.2	95	0.00
56 T	Ethyl methacrylate	50.000	62.399	-24.8	94	0.00
57 T	1,3-Dichloropropane	50.000	58.006	-16.0	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	309.241	-23.7	95	0.00
59 T	2-Hexanone	250.000	327.478	-31.0#	94	0.00
60 T	Dibromochloromethane	50.000	57.463	-14.9	95	0.00
61 T	1,2-Dibromoethane	50.000	57.625	-15.3	94	0.00
62 S	4-Bromofluorobenzene	50.000	55.307	-10.6	105	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64 T	Tetrachloroethene	50.000	57.970	-15.9	105	0.00
65 PM	Chlorobenzene	50.000	51.615	-3.2	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.082	-6.2	95	0.00
67 C	Ethyl Benzene	50.000	51.995	-4.0#	91	0.00
68 T	m/p-Xylenes	100.000	105.773	-5.8	91	0.00
69 T	o-Xylene	50.000	53.479	-7.0	92	0.00
70 T	Styrene	50.000	55.915	-11.8	95	0.00
71 P	Bromoform	50.000	57.403	-14.8	96	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	49.347	1.3	92	0.00
74 T	N-ethyl acetate	50.000	56.615	-13.2	97	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.213	-2.4	93	0.00
76 T	1,2,3-Trichloropropane	50.000	53.494	-7.0	104	0.00
77 T	Bromobenzene	50.000	49.985	0.0	95	0.00
78 T	n-propylbenzene	50.000	49.509	1.0	92	0.00
79 T	2-Chlorotoluene	50.000	49.781	0.4	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.329	-0.7	94	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.831	-3.7	92	0.00
82 T	4-Chlorotoluene	50.000	50.279	-0.6	95	0.00
83 T	tert-Butylbenzene	50.000	50.008	-0.0	93	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.215	-2.4	95	0.00
85 T	sec-Butylbenzene	50.000	49.261	1.5	91	0.00
86 T	p-Isopropyltoluene	50.000	50.653	-1.3	94	0.00
87 T	1,3-Dichlorobenzene	50.000	50.151	-0.3	97	0.00
88 T	1,4-Dichlorobenzene	50.000	50.573	-1.1	97	0.00
89 T	n-Butylbenzene	50.000	51.198	-2.4	93	0.00
90 T	Hexachloroethane	50.000	48.815	2.4	95	0.00
91 T	1,2-Dichlorobenzene	50.000	51.908	-3.8	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.553	-9.1	100	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.434	-10.9	100	0.00
94 T	Hexachlorobutadiene	50.000	52.106	-4.2	97	0.00
95 T	Naphthalene	50.000	56.552	-13.1	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	57.401	-14.8	102	0.00

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