

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
 Data File : VY021710.D
 Acq On : 31 Mar 2025 10:08
 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: Apr 01 05:32:36 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	92	0.00
2 T	Dichlorodifluoromethane	50.000	48.634	2.7	92	0.00
3 P	Chloromethane	50.000	47.952	4.1	93	0.00
4 C	Vinyl Chloride	50.000	48.678	2.6#	93	0.00
5 T	Bromomethane	50.000	46.691	6.6	94	0.00
6 T	Chloroethane	50.000	48.684	2.6	95	0.00
7 T	Trichlorofluoromethane	50.000	50.894	-1.8	98	0.00
8 T	Diethyl Ether	50.000	48.091	3.8	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.392	-0.8	97	0.00
10 T	Methyl Iodide	50.000	51.427	-2.9	88	0.00
11 T	Tert butyl alcohol	250.000	233.635	6.5	90	-0.01
12 CM	1,1-Dichloroethene	50.000	49.486	1.0#	93	0.00
13 T	Acrolein	250.000	170.852	31.7#	64	0.00
14 T	Allyl chloride	50.000	49.344	1.3	91	0.00
15 T	Acrylonitrile	250.000	252.846	-1.1	92	0.00
16 T	Acetone	250.000	219.682	12.1	84	0.00
17 T	Carbon Disulfide	50.000	49.414	1.2	93	0.00
18 T	Methyl Acetate	50.000	53.480	-7.0	102	0.00
19 T	Methyl tert-butyl Ether	50.000	50.507	-1.0	92	0.00
20 T	Methylene Chloride	50.000	53.035	-6.1	94	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.961	0.1	94	0.00
22 T	Diisopropyl ether	50.000	51.947	-3.9	93	0.00
23 T	Vinyl Acetate	250.000	256.635	-2.7	91	0.00
24 P	1,1-Dichloroethane	50.000	49.850	0.3	93	0.00
25 T	2-Butanone	250.000	246.699	1.3	91	0.00
26 T	2,2-Dichloropropane	50.000	49.248	1.5	92	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.049	-0.1	92	0.00
28 T	Bromochloromethane	50.000	50.596	-1.2	97	0.00
29 T	Tetrahydrofuran	250.000	257.561	-3.0	92	0.00
30 C	Chloroform	50.000	49.797	0.4#	93	0.00
31 T	Cyclohexane	50.000	48.480	3.0	93	0.00
32 T	1,1,1-Trichloroethane	50.000	49.652	0.7	93	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.504	-7.0	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35 S	Dibromofluoromethane	50.000	57.318	-14.6	98	0.00
36 T	1,1-Dichloropropene	50.000	53.022	-6.0	93	0.00
37 T	Ethyl Acetate	50.000	51.716	-3.4	91	0.00
38 T	Carbon Tetrachloride	50.000	53.686	-7.4	96	0.00
39 T	Methylcyclohexane	50.000	54.307	-8.6	92	0.00
40 TM	Benzene	50.000	53.115	-6.2	94	0.00
41 T	Methacrylonitrile	50.000	54.109	-8.2	87	-0.02
42 TM	1,2-Dichloroethane	50.000	52.829	-5.7	94	0.00
43 T	Isopropyl Acetate	50.000	51.432	-2.9	90	0.00
44 TM	Trichloroethene	50.000	52.160	-4.3	94	0.00
45 C	1,2-Dichloropropane	50.000	53.038	-6.1#	94	0.00
46 T	Dibromomethane	50.000	53.637	-7.3	97	0.00
47 T	Bromodichloromethane	50.000	53.147	-6.3	95	0.00
48 T	Methyl methacrylate	50.000	55.389	-10.8	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1087.866	-8.8	94	0.00
50 S	Toluene-d8	50.000	57.457	-14.9	97	0.00
51 T	4-Methyl-2-Pentanone	250.000	275.853	-10.3	94	0.00
52 CM	Toluene	50.000	54.010	-8.0#	94	0.00
53 T	t-1,3-Dichloropropene	50.000	54.122	-8.2	92	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.389	-6.8	92	0.00
55 T	1,1,2-Trichloroethane	50.000	53.104	-6.2	94	0.00
56 T	Ethyl methacrylate	50.000	55.489	-11.0	90	0.00
57 T	1,3-Dichloropropane	50.000	54.411	-8.8	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	296.929	-18.8	96	0.00
59 T	2-Hexanone	250.000	279.290	-11.7	93	0.00
60 T	Dibromochloromethane	50.000	54.396	-8.8	95	0.00
61 T	1,2-Dibromoethane	50.000	54.315	-8.6	93	0.00
62 S	4-Bromofluorobenzene	50.000	57.178	-14.4	97	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64 T	Tetrachloroethene	50.000	50.794	-1.6	95	0.00
65 PM	Chlorobenzene	50.000	50.739	-1.5	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.170	-4.3	95	0.00
67 C	Ethyl Benzene	50.000	52.327	-4.7#	92	0.00
68 T	m/p-Xylenes	100.000	105.817	-5.8	93	0.00
69 T	o-Xylene	50.000	53.076	-6.2	92	0.00
70 T	Styrene	50.000	54.868	-9.7	95	0.00
71 P	Bromoform	50.000	53.316	-6.6	96	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73 T	Isopropylbenzene	50.000	51.977	-4.0	92	0.00
74 T	N-amyl acetate	50.000	52.148	-4.3	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.420	-0.8	93	0.00
76 T	1,2,3-Trichloropropane	50.000	51.730	-3.5	93	0.00
77 T	Bromobenzene	50.000	51.852	-3.7	94	0.00
78 T	n-propylbenzene	50.000	52.754	-5.5	93	0.00
79 T	2-Chlorotoluene	50.000	51.587	-3.2	92	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.059	-6.1	93	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.787	-5.6	93	0.00
82 T	4-Chlorotoluene	50.000	51.727	-3.5	92	0.00
83 T	tert-Butylbenzene	50.000	52.594	-5.2	93	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.191	-6.4	92	0.00
85 T	sec-Butylbenzene	50.000	52.444	-4.9	92	0.00
86 T	p-Isopropyltoluene	50.000	53.269	-6.5	92	0.00
87 T	1,3-Dichlorobenzene	50.000	51.375	-2.8	94	0.00
88 T	1,4-Dichlorobenzene	50.000	50.974	-1.9	92	0.00
89 T	n-Butylbenzene	50.000	52.961	-5.9	91	0.00
90 T	Hexachloroethane	50.000	50.091	-0.2	92	0.00
91 T	1,2-Dichlorobenzene	50.000	51.099	-2.2	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.816	2.4	90	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.422	-2.8	88	0.00
94 T	Hexachlorobutadiene	50.000	51.027	-2.1	91	0.00
95 T	Naphthalene	50.000	53.236	-6.5	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.610	-5.2	91	0.00

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