

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040225\
 Data File : VY021748.D
 Acq On : 02 Apr 2025 09:45
 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 03 03:51:12 2025
 Quant Title :
 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	98	0.00
2 T	Dichlorodifluoromethane	50.000	51.200	-2.4	102	0.00
3 P	Chloromethane	50.000	48.141	3.7	99	0.00
4 C	Vinyl Chloride	50.000	50.350	-0.7#	101	0.00
5 T	Bromomethane	50.000	45.539	8.9	97	0.00
6 T	Chloroethane	50.000	49.315	1.4	101	0.00
7 T	Trichlorofluoromethane	50.000	51.734	-3.5	105	0.00
8 T	Diethyl Ether	50.000	46.559	6.9	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.129	-6.3	108	0.00
10 T	Methyl Iodide	50.000	52.563	-5.1	96	0.00
11 T	Tert butyl alcohol	250.000	217.010	13.2	88	0.00
12 CM	1,1-Dichloroethene	50.000	51.978	-4.0#	104	0.00
13 T	Acrolein	250.000	136.063	45.6#	54	0.00
14 T	Allyl chloride	50.000	50.134	-0.3	98	0.00
15 T	Acrylonitrile	250.000	240.002	4.0	93	-0.01
16 T	Acetone	250.000	237.927	4.8	96	0.00
17 T	Carbon Disulfide	50.000	50.239	-0.5	100	0.00
18 T	Methyl Acetate	50.000	50.189	-0.4	101	0.00
19 T	Methyl tert-butyl Ether	50.000	48.926	2.1	94	0.00
20 T	Methylene Chloride	50.000	53.723	-7.4	100	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.664	-3.3	103	0.00
22 T	Diisopropyl ether	50.000	51.561	-3.1	98	0.00
23 T	Vinyl Acetate	250.000	246.959	1.2	93	0.00
24 P	1,1-Dichloroethane	50.000	50.904	-1.8	100	0.00
25 T	2-Butanone	250.000	238.066	4.8	93	0.00
26 T	2,2-Dichloropropane	50.000	52.376	-4.8	104	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.359	-2.7	100	0.00
28 T	Bromochloromethane	50.000	50.152	-0.3	102	0.00
29 T	Tetrahydrofuran	250.000	236.943	5.2	90	0.00
30 C	Chloroform	50.000	50.963	-1.9#	100	0.00
31 T	Cyclohexane	50.000	50.505	-1.0	103	0.00
32 T	1,1,1-Trichloroethane	50.000	51.950	-3.9	103	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.369	-0.7	97	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35 S	Dibromofluoromethane	50.000	53.689	-7.4	98	0.00
36 T	1,1-Dichloropropene	50.000	54.657	-9.3	103	0.00
37 T	Ethyl Acetate	50.000	47.144	5.7	89	0.00
38 T	Carbon Tetrachloride	50.000	55.008	-10.0	105	0.00
39 T	Methylcyclohexane	50.000	56.366	-12.7	102	0.00
40 TM	Benzene	50.000	53.402	-6.8	101	0.00
41 T	Methacrylonitrile	50.000	48.474	3.1	84	-0.02
42 TM	1,2-Dichloroethane	50.000	51.609	-3.2	98	0.00
43 T	Isopropyl Acetate	50.000	49.227	1.5	92	0.00
44 TM	Trichloroethene	50.000	54.195	-8.4	104	0.00
45 C	1,2-Dichloropropane	50.000	53.686	-7.4#	102	0.00
46 T	Dibromomethane	50.000	52.039	-4.1	101	0.00
47 T	Bromodichloromethane	50.000	52.602	-5.2	100	0.00
48 T	Methyl methacrylate	50.000	50.868	-1.7	94	0.00
49 T	1,4-Dioxane	1000.000	989.457	1.1	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50 S	Toluene-d8	50.000	55.260	-10.5	100	0.00
51 T	4-Methyl-2-Pentanone	250.000	252.693	-1.1	92	0.00
52 CM	Toluene	50.000	54.797	-9.6#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	53.025	-6.0	97	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.165	-6.3	98	0.00
55 T	1,1,2-Trichloroethane	50.000	53.023	-6.0	101	0.00
56 T	Ethyl methacrylate	50.000	54.276	-8.6	94	0.00
57 T	1,3-Dichloropropane	50.000	52.737	-5.5	98	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	280.044	-12.0	96	0.00
59 T	2-Hexanone	250.000	255.252	-2.1	91	0.00
60 T	Dibromochloromethane	50.000	53.436	-6.9	99	0.00
61 T	1,2-Dibromoethane	50.000	52.404	-4.8	96	0.00
62 S	4-Bromofluorobenzene	50.000	54.030	-8.1	98	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	56.537	-13.1	109	0.00
65 PM	Chlorobenzene	50.000	52.978	-6.0	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.418	-6.8	100	0.00
67 C	Ethyl Benzene	50.000	55.696	-11.4#	101	0.00
68 T	m/p-Xylenes	100.000	111.720	-11.7	101	0.00
69 T	o-Xylene	50.000	56.233	-12.5	100	0.00
70 T	Styrene	50.000	56.830	-13.7	101	0.00
71 P	Bromoform	50.000	53.124	-6.2	98	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73 T	Isopropylbenzene	50.000	56.135	-12.3	102	0.00
74 T	N-amyl acetate	50.000	50.334	-0.7	89	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.263	3.5	92	0.00
76 T	1,2,3-Trichloropropane	50.000	50.613	-1.2	94	0.00
77 T	Bromobenzene	50.000	53.013	-6.0	99	0.00
78 T	n-propylbenzene	50.000	56.856	-13.7	103	0.00
79 T	2-Chlorotoluene	50.000	54.839	-9.7	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.107	-12.2	101	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.920	-1.8	92	0.00
82 T	4-Chlorotoluene	50.000	54.814	-9.6	100	0.00
83 T	tert-Butylbenzene	50.000	55.838	-11.7	101	0.00
84 T	1,2,4-Trimethylbenzene	50.000	56.318	-12.6	101	0.00
85 T	sec-Butylbenzene	50.000	56.919	-13.8	103	0.00
86 T	p-Isopropyltoluene	50.000	57.283	-14.6	102	0.00
87 T	1,3-Dichlorobenzene	50.000	53.529	-7.1	100	0.00
88 T	1,4-Dichlorobenzene	50.000	52.773	-5.5	98	0.00
89 T	n-Butylbenzene	50.000	57.310	-14.6	102	0.00
90 T	Hexachloroethane	50.000	53.215	-6.4	101	0.00
91 T	1,2-Dichlorobenzene	50.000	53.453	-6.9	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.389	3.2	92	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.021	-8.0	95	0.00
94 T	Hexachlorobutadiene	50.000	54.340	-8.7	100	0.00
95 T	Naphthalene	50.000	52.122	-4.2	89	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.998	-6.0	94	0.00

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