

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040425\
 Data File : VY021776.D
 Acq On : 04 Apr 2025 09:22
 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 04 23:38:07 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	96	0.00
2 T	Dichlorodifluoromethane	50.000	44.355	11.3	87	0.00
3 P	Chloromethane	50.000	43.781	12.4	88	0.00
4 C	Vinyl Chloride	50.000	43.939	12.1#	87	0.00
5 T	Bromomethane	50.000	42.973	14.1	90	0.00
6 T	Chloroethane	50.000	44.025	12.0	89	0.00
7 T	Trichlorofluoromethane	50.000	45.429	9.1	91	0.00
8 T	Diethyl Ether	50.000	43.889	12.2	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.234	7.5	92	0.00
10 T	Methyl Iodide	50.000	47.511	5.0	85	0.00
11 T	Tert butyl alcohol	250.000	198.281	20.7	79	0.00
12 CM	1,1-Dichloroethene	50.000	45.826	8.3#	90	0.00
13 T	Acrolein	250.000	108.084	56.8#	42	0.00
14 T	Allyl chloride	50.000	45.628	8.7	87	0.00
15 T	Acrylonitrile	250.000	220.642	11.7	84	0.00
16 T	Acetone	250.000	205.322	17.9	82	0.00
17 T	Carbon Disulfide	50.000	44.833	10.3	88	0.00
18 T	Methyl Acetate	50.000	47.090	5.8	94	0.00
19 T	Methyl tert-butyl Ether	50.000	46.078	7.8	87	0.00
20 T	Methylene Chloride	50.000	47.558	4.9	88	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.214	7.6	90	0.00
22 T	Diisopropyl ether	50.000	47.921	4.2	90	0.00
23 T	Vinyl Acetate	250.000	228.612	8.6	85	0.00
24 P	1,1-Dichloroethane	50.000	46.472	7.1	90	0.00
25 T	2-Butanone	250.000	214.357	14.3	82	0.00
26 T	2,2-Dichloropropane	50.000	46.842	6.3	91	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.913	6.2	90	0.00
28 T	Bromochloromethane	50.000	48.848	2.3	97	0.00
29 T	Tetrahydrofuran	250.000	221.852	11.3	82	0.00
30 C	Chloroform	50.000	46.388	7.2#	90	0.00
31 T	Cyclohexane	50.000	44.882	10.2	90	0.00
32 T	1,1,1-Trichloroethane	50.000	46.549	6.9	91	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.189	1.6	93	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35 S	Dibromofluoromethane	50.000	51.952	-3.9	92	0.00
36 T	1,1-Dichloropropene	50.000	50.100	-0.2	91	0.00
37 T	Ethyl Acetate	50.000	44.748	10.5	82	0.00
38 T	Carbon Tetrachloride	50.000	49.520	1.0	92	0.00
39 T	Methylcyclohexane	50.000	50.518	-1.0	89	0.00
40 TM	Benzene	50.000	49.278	1.4	90	0.00
41 T	Methacrylonitrile	50.000	43.428	13.1	73	-0.01
42 TM	1,2-Dichloroethane	50.000	48.074	3.9	88	0.00
43 T	Isopropyl Acetate	50.000	46.402	7.2	84	0.00
44 TM	Trichloroethene	50.000	49.692	0.6	93	0.00
45 C	1,2-Dichloropropane	50.000	49.325	1.3#	91	0.00
46 T	Dibromomethane	50.000	48.116	3.8	91	0.00
47 T	Bromodichloromethane	50.000	49.080	1.8	91	0.00
48 T	Methyl methacrylate	50.000	48.681	2.6	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	916.931	8.3	82	0.00
50 S	Toluene-d8	50.000	52.794	-5.6	92	0.00
51 T	4-Methyl-2-Pentanone	250.000	241.372	3.5	85	0.00
52 CM	Toluene	50.000	50.737	-1.5#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	49.181	1.6	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.979	2.0	88	0.00
55 T	1,1,2-Trichloroethane	50.000	48.624	2.8	90	0.00
56 T	Ethyl methacrylate	50.000	51.235	-2.5	86	0.00
57 T	1,3-Dichloropropane	50.000	49.355	1.3	89	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	264.232	-5.7	88	0.00
59 T	2-Hexanone	250.000	243.569	2.6	85	0.00
60 T	Dibromochloromethane	50.000	50.684	-1.4	91	0.00
61 T	1,2-Dibromoethane	50.000	49.485	1.0	88	0.00
62 S	4-Bromofluorobenzene	50.000	52.928	-5.9	93	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64 T	Tetrachloroethene	50.000	49.667	0.7	94	0.00
65 PM	Chlorobenzene	50.000	48.533	2.9	90	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.482	1.0	92	0.00
67 C	Ethyl Benzene	50.000	50.727	-1.5#	91	0.00
68 T	m/p-Xylenes	100.000	101.155	-1.2	91	0.00
69 T	o-Xylene	50.000	50.688	-1.4	89	0.00
70 T	Styrene	50.000	51.933	-3.9	91	0.00
71 P	Bromoform	50.000	49.056	1.9	90	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	49.152	1.7	91	0.00
74 T	N-amyl acetate	50.000	46.159	7.7	84	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.226	11.5	86	0.00
76 T	1,2,3-Trichloropropane	50.000	48.426	3.1	92	0.00
77 T	Bromobenzene	50.000	47.465	5.1	91	0.00
78 T	n-propylbenzene	50.000	49.780	0.4	92	0.00
79 T	2-Chlorotoluene	50.000	48.532	2.9	91	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.401	1.2	91	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.380	11.2	82	0.00
82 T	4-Chlorotoluene	50.000	48.519	3.0	91	0.00
83 T	tert-Butylbenzene	50.000	48.759	2.5	90	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.015	-0.0	91	0.00
85 T	sec-Butylbenzene	50.000	49.626	0.7	91	0.00
86 T	p-Isopropyltoluene	50.000	50.469	-0.9	92	0.00
87 T	1,3-Dichlorobenzene	50.000	47.936	4.1	92	0.00
88 T	1,4-Dichlorobenzene	50.000	47.658	4.7	91	0.00
89 T	n-Butylbenzene	50.000	50.346	-0.7	91	0.00
90 T	Hexachloroethane	50.000	48.010	4.0	93	0.00
91 T	1,2-Dichlorobenzene	50.000	48.364	3.3	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.709	10.6	87	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.367	1.3	89	0.00
94 T	Hexachlorobutadiene	50.000	48.800	2.4	92	0.00
95 T	Naphthalene	50.000	48.786	2.4	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.730	0.5	90	0.00

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