

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050225\
 Data File : VY022143.D
 Acq On : 02 May 2025 20:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 03 02:54:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 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	39.631	20.7	74	0.00
3 P	Chloromethane	50.000	42.285	15.4	73	0.00
4 C	Vinyl Chloride	50.000	46.264	7.5#	81	0.00
5 T	Bromomethane	50.000	44.971	10.1	83	0.00
6 T	Chloroethane	50.000	48.253	3.5	85	0.00
7 T	Trichlorofluoromethane	50.000	45.643	8.7	80	0.00
8 T	Diethyl Ether	50.000	48.765	2.5	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.939	10.1	84	0.00
10 T	Methyl Iodide	50.000	48.623	2.8	82	0.00
11 T	Tert butyl alcohol	250.000	274.555	-9.8	92	0.00
12 CM	1,1-Dichloroethene	50.000	46.114	7.8#	84	0.00
13 T	Acrolein	250.000	131.070	47.6#	48	0.00
14 T	Allyl chloride	50.000	47.046	5.9	84	0.00
15 T	Acrylonitrile	250.000	252.595	-1.0	87	0.00
16 T	Acetone	250.000	271.073	-8.4	89	0.00
17 T	Carbon Disulfide	50.000	43.454	13.1	79	0.00
18 T	Methyl Acetate	50.000	104.779	-109.6#	174	0.00
19 T	Methyl tert-butyl Ether	50.000	52.809	-5.6	89	0.00
20 T	Methylene Chloride	50.000	47.107	5.8	89	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.900	4.2	86	0.00
22 T	Diisopropyl ether	50.000	50.885	-1.8	87	0.00
23 T	Vinyl Acetate	250.000	207.825	16.9	69	0.00
24 P	1,1-Dichloroethane	50.000	48.859	2.3	88	0.00
25 T	2-Butanone	250.000	256.107	-2.4	88	0.00
26 T	2,2-Dichloropropane	50.000	43.749	12.5	79	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.536	-1.1	88	0.00
28 T	Bromochloromethane	50.000	53.011	-6.0	92	0.00
29 T	Tetrahydrofuran	250.000	267.926	-7.2	86	0.00
30 C	Chloroform	50.000	50.934	-1.9#	91	0.00
31 T	Cyclohexane	50.000	44.450	11.1	82	0.00
32 T	1,1,1-Trichloroethane	50.000	49.859	0.3	90	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.403	-6.8	91	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35 S	Dibromofluoromethane	50.000	51.206	-2.4	90	0.00
36 T	1,1-Dichloropropene	50.000	47.133	5.7	87	0.00
37 T	Ethyl Acetate	50.000	46.007	8.0	80	0.00
38 T	Carbon Tetrachloride	50.000	48.022	4.0	88	0.00
39 T	Methylcyclohexane	50.000	45.927	8.1	82	0.00
40 TM	Benzene	50.000	48.573	2.9	89	0.00
41 T	Methacrylonitrile	50.000	50.027	-0.1	83	-0.01
42 TM	1,2-Dichloroethane	50.000	51.576	-3.2	93	0.00
43 T	Isopropyl Acetate	50.000	48.352	3.3	83	0.00
44 TM	Trichloroethene	50.000	46.499	7.0	86	0.00
45 C	1,2-Dichloropropane	50.000	49.321	1.4#	89	0.00
46 T	Dibromomethane	50.000	50.904	-1.8	92	0.00
47 T	Bromodichloromethane	50.000	50.835	-1.7	91	0.00
48 T	Methyl methacrylate	50.000	53.979	-8.0	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1034.152	-3.4	92	-0.01
50 S	Toluene-d8	50.000	50.683	-1.4	87	0.00
51 T	4-Methyl-2-Pentanone	250.000	273.206	-9.3	90	0.00
52 CM	Toluene	50.000	49.344	1.3#	87	0.00
53 T	t-1,3-Dichloropropene	50.000	50.024	-0.0	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.814	2.4	87	0.00
55 T	1,1,2-Trichloroethane	50.000	51.864	-3.7	91	0.00
56 T	Ethyl methacrylate	50.000	52.472	-4.9	86	0.00
57 T	1,3-Dichloropropane	50.000	51.105	-2.2	90	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	286.113	-14.4	90	0.00
59 T	2-Hexanone	250.000	280.435	-12.2	91	0.00
60 T	Dibromochloromethane	50.000	51.547	-3.1	91	0.00
61 T	1,2-Dibromoethane	50.000	51.560	-3.1	91	0.00
62 S	4-Bromofluorobenzene	50.000	53.669	-7.3	93	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64 T	Tetrachloroethene	50.000	41.774	16.5	77	0.00
65 PM	Chlorobenzene	50.000	47.981	4.0	88	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.447	3.1	88	0.00
67 C	Ethyl Benzene	50.000	49.223	1.6#	88	0.00
68 T	m/p-Xylenes	100.000	98.193	1.8	87	0.00
69 T	o-Xylene	50.000	49.610	0.8	86	0.00
70 T	Styrene	50.000	51.237	-2.5	88	0.00
71 P	Bromoform	50.000	50.701	-1.4	90	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73 T	Isopropylbenzene	50.000	47.272	5.5	87	0.00
74 T	N-amyl acetate	50.000	40.838	18.3	73	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.449	-2.9	97	0.00
76 T	1,2,3-Trichloropropane	50.000	52.623	-5.2	102	0.00
77 T	Bromobenzene	50.000	46.381	7.2	87	0.00
78 T	n-propylbenzene	50.000	47.491	5.0	87	0.00
79 T	2-Chlorotoluene	50.000	47.821	4.4	89	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.139	3.7	87	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.349	13.3	80	0.00
82 T	4-Chlorotoluene	50.000	47.810	4.4	89	0.00
83 T	tert-Butylbenzene	50.000	47.748	4.5	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.885	2.2	89	0.00
85 T	sec-Butylbenzene	50.000	47.613	4.8	88	0.00
86 T	p-Isopropyltoluene	50.000	47.402	5.2	86	0.00
87 T	1,3-Dichlorobenzene	50.000	45.714	8.6	87	0.00
88 T	1,4-Dichlorobenzene	50.000	45.391	9.2	88	0.00
89 T	n-Butylbenzene	50.000	46.349	7.3	85	0.00
90 T	Hexachloroethane	50.000	46.335	7.3	90	0.00
91 T	1,2-Dichlorobenzene	50.000	46.221	7.6	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.496	3.0	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.699	8.6	87	0.00
94 T	Hexachlorobutadiene	50.000	43.555	12.9	87	0.00
95 T	Naphthalene	50.000	51.254	-2.5	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.674	4.7	91	0.00

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