

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\YY122123\
 Data File : VY016801.D
 Acq On : 22 Dec 2023 09:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 22 10:20:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 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	0.02
2 T	Dichlorodifluoromethane	50.000	40.332	19.3	84	0.00
3 P	Chloromethane	50.000	43.880	12.2	91	0.01
4 C	Vinyl Chloride	50.000	44.130	11.7#	87	0.01
5 T	Bromomethane	50.000	45.170	9.7	95	0.02
6 T	Chloroethane	50.000	44.930	10.1	91	0.01
7 T	Trichlorofluoromethane	50.000	44.647	10.7	89	0.02
8 T	Diethyl Ether	50.000	46.336	7.3	89	0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.050	9.9	89	0.03
10 T	Methyl Iodide	50.000	41.542	16.9	78	0.02
11 T	Tert butyl alcohol	250.000	228.582	8.6	91	0.04
12 CM	1,1-Dichloroethene	50.000	46.823	6.4#	90	0.02
13 T	Acrolein	250.000	242.005	3.2	79	0.02
14 T	Allyl chloride	50.000	48.698	2.6	92	0.03
15 T	Acrylonitrile	250.000	261.016	-4.4	94	0.03
16 T	Acetone	250.000	301.646	-20.7	131	0.02
17 T	Carbon Disulfide	50.000	47.429	5.1	89	0.02
18 T	Methyl Acetate	50.000	56.213	-12.4	93	0.02
19 T	Methyl tert-butyl Ether	50.000	47.881	4.2	90	0.03
20 T	Methylene Chloride	50.000	42.809	14.4	89	0.03
21 T	trans-1,2-Dichloroethene	50.000	48.434	3.1	92	0.03
22 T	Diisopropyl ether	50.000	50.763	-1.5	95	0.03
23 T	Vinyl Acetate	250.000	250.241	-0.1	95	0.02
24 P	1,1-Dichloroethane	50.000	48.621	2.8	93	0.03
25 T	2-Butanone	250.000	276.742	-10.7	112	0.03
26 T	2,2-Dichloropropane	50.000	46.446	7.1	91	0.02
27 T	cis-1,2-Dichloroethene	50.000	47.844	4.3	91	0.02
28 T	Bromochloromethane	50.000	56.764	-13.5	89	0.02
29 T	Tetrahydrofuran	250.000	267.064	-6.8	95	0.02
30 C	Chloroform	50.000	48.803	2.4#	95	0.02
31 T	Cyclohexane	50.000	45.083	9.8	90	0.02
32 T	1,1,1-Trichloroethane	50.000	46.562	6.9	91	0.02
33 S	1,2-Dichloroethane-d4	50.000	48.754	2.5	74	0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.02
35 S	Dibromofluoromethane	50.000	46.641	6.7	72	0.02
36 T	1,1-Dichloropropene	50.000	46.573	6.9	91	0.02
37 T	Ethyl Acetate	50.000	50.531	-1.1	93	0.02
38 T	Carbon Tetrachloride	50.000	45.910	8.2	91	0.02
39 T	Methylcyclohexane	50.000	47.701	4.6	91	0.02
40 TM	Benzene	50.000	47.613	4.8	93	0.02
41 T	Methacrylonitrile	50.000	49.863	0.3	84	0.02
42 TM	1,2-Dichloroethane	50.000	49.369	1.3	94	0.02
43 T	Isopropyl Acetate	50.000	49.512	1.0	94	0.02
44 TM	Trichloroethene	50.000	46.355	7.3	91	0.02
45 C	1,2-Dichloropropane	50.000	48.362	3.3#	95	0.02
46 T	Dibromomethane	50.000	49.240	1.5	95	0.02
47 T	Bromodichloromethane	50.000	47.773	4.5	93	0.02
48 T	Methyl methacrylate	50.000	51.848	-3.7	95	0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	995.460	0.5	92	0.02
50 S	Toluene-d8	50.000	47.225	5.5	72	0.02
51 T	4-Methyl-2-Pentanone	250.000	260.848	-4.3	96	0.01
52 CM	Toluene	50.000	48.576	2.8#	93	0.02
53 T	t-1,3-Dichloropropene	50.000	48.911	2.2	92	0.02
54 T	cis-1,3-Dichloropropene	50.000	48.729	2.5	93	0.01
55 T	1,1,2-Trichloroethane	50.000	48.442	3.1	93	0.01
56 T	Ethyl methacrylate	50.000	51.128	-2.3	93	0.01
57 T	1,3-Dichloropropane	50.000	49.412	1.2	94	0.01
58 T	2-Chloroethyl Vinyl ether	250.000	279.028	-11.6	72	0.02
59 T	2-Hexanone	250.000	267.648	-7.1	104	0.01
60 T	Dibromochloromethane	50.000	48.721	2.6	94	0.01
61 T	1,2-Dibromoethane	50.000	48.927	2.1	93	0.01
62 S	4-Bromofluorobenzene	50.000	45.859	8.3	70	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.01
64 T	Tetrachloroethene	50.000	45.276	9.4	90	0.02
65 PM	Chlorobenzene	50.000	47.056	5.9	93	0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	47.010	6.0	93	0.01
67 C	Ethyl Benzene	50.000	47.668	4.7#	93	0.02
68 T	m/p-Xylenes	100.000	95.073	4.9	92	0.02
69 T	o-Xylene	50.000	48.675	2.7	93	0.01
70 T	Styrene	50.000	48.505	3.0	92	0.01
71 P	Bromoform	50.000	47.614	4.8	92	0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.01
73 T	Isopropylbenzene	50.000	48.701	2.6	92	0.01
74 T	N-ethyl acetate	50.000	48.861	2.3	91	0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	49.722	0.6	96	0.00
76 T	1,2,3-Trichloropropane	50.000	41.336	17.3	89	0.01
77 T	Bromobenzene	50.000	47.316	5.4	91	0.01
78 T	n-propylbenzene	50.000	48.570	2.9	92	0.01
79 T	2-Chlorotoluene	50.000	47.588	4.8	91	0.01
80 T	1,3,5-Trimethylbenzene	50.000	48.951	2.1	92	0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	47.630	4.7	91	0.01
82 T	4-Chlorotoluene	50.000	47.354	5.3	91	0.01
83 T	tert-Butylbenzene	50.000	48.064	3.9	89	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.578	2.8	90	0.01
85 T	sec-Butylbenzene	50.000	47.728	4.5	90	0.00
86 T	p-Isopropyltoluene	50.000	47.662	4.7	89	0.00
87 T	1,3-Dichlorobenzene	50.000	46.460	7.1	91	0.01
88 T	1,4-Dichlorobenzene	50.000	45.989	8.0	89	0.01
89 T	n-Butylbenzene	50.000	47.572	4.9	88	0.01
90 T	Hexachloroethane	50.000	46.582	6.8	92	0.00
91 T	1,2-Dichlorobenzene	50.000	47.099	5.8	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.618	10.8	86	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.010	12.0	82	0.00
94 T	Hexachlorobutadiene	50.000	43.745	12.5	83	0.00
95 T	Naphthalene	50.000	40.318	19.4	81	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	43.496	13.0	79	0.00

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