

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
 Data File : VY012409.D
 Acq On : 30 Jan 2023 19:41
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 31 01:49:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 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	82	0.00
2 T	Dichlorodifluoromethane	50.000	41.850	16.3	81	0.00
3 P	Chloromethane	50.000	41.600	16.8	75	0.00
4 C	Vinyl Chloride	50.000	45.239	9.5#	80	0.00
5 T	Bromomethane	50.000	49.104	1.8	88	0.00
6 T	Chloroethane	50.000	48.841	2.3	86	0.00
7 T	Trichlorofluoromethane	50.000	50.081	-0.2	90	0.00
8 T	Diethyl Ether	50.000	48.633	2.7	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.413	-0.8	91	0.00
10 T	Methyl Iodide	50.000	41.405	17.2	67	0.00
11 T	Tert butyl alcohol	250.000	249.368	0.3	87	0.00
12 CM	1,1-Dichloroethene	50.000	49.480	1.0#	85	0.00
13 T	Acrolein	250.000	116.608	53.4#	50	0.00
14 T	Allyl chloride	50.000	47.132	5.7	81	0.00
15 T	Acrylonitrile	250.000	256.156	-2.5	86	0.00
16 T	Acetone	250.000	212.396	15.0	63	0.00
17 T	Carbon Disulfide	50.000	44.315	11.4	77	0.00
18 T	Methyl Acetate	50.000	50.063	-0.1	85	0.00
19 T	Methyl tert-butyl Ether	50.000	52.265	-4.5	86	0.00
20 T	Methylene Chloride	50.000	45.663	8.7	78	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.992	0.0	85	0.00
22 T	Diisopropyl ether	50.000	49.766	0.5	84	0.00
23 T	Vinyl Acetate	250.000	250.897	-0.4	82	0.00
24 P	1,1-Dichloroethane	50.000	50.618	-1.2	86	0.00
25 T	2-Butanone	250.000	232.645	6.9	74	0.00
26 T	2,2-Dichloropropane	50.000	50.161	-0.3	86	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.041	-2.1	86	0.00
28 T	Bromochloromethane	50.000	44.156	11.7	78	0.00
29 T	Tetrahydrofuran	250.000	252.711	-1.1	82	0.00
30 C	Chloroform	50.000	52.209	-4.4#	88	0.00
31 T	Cyclohexane	50.000	45.563	8.9	86	0.00
32 T	1,1,1-Trichloroethane	50.000	52.797	-5.6	90	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.795	2.4	81	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35 S	Dibromofluoromethane	50.000	46.362	7.3	82	0.00
36 T	1,1-Dichloropropene	50.000	50.643	-1.3	86	0.00
37 T	Ethyl Acetate	50.000	49.625	0.8	80	0.00
38 T	Carbon Tetrachloride	50.000	53.837	-7.7	91	0.00
39 T	Methylcyclohexane	50.000	51.582	-3.2	88	0.00
40 TM	Benzene	50.000	51.342	-2.7	86	0.00
41 T	Methacrylonitrile	50.000	48.429	3.1	75	-0.01
42 TM	1,2-Dichloroethane	50.000	54.077	-8.2	88	0.00
43 T	Isopropyl Acetate	50.000	51.580	-3.2	83	0.00
44 TM	Trichloroethene	50.000	52.645	-5.3	88	0.00
45 C	1,2-Dichloropropane	50.000	52.233	-4.5#	87	0.00
46 T	Dibromomethane	50.000	52.711	-5.4	86	0.00
47 T	Bromodichloromethane	50.000	54.361	-8.7	89	0.00
48 T	Methyl methacrylate	50.000	52.341	-4.7	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1103.555	-10.4	85	0.00
50 S	Toluene-d8	50.000	48.194	3.6	80	0.00
51 T	4-Methyl-2-Pentanone	250.000	265.228	-6.1	84	0.00
52 CM	Toluene	50.000	53.243	-6.5#	88	0.00
53 T	t-1,3-Dichloropropene	50.000	53.805	-7.6	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.520	-5.0	85	0.00
55 T	1,1,2-Trichloroethane	50.000	54.940	-9.9	89	0.00
56 T	Ethyl methacrylate	50.000	55.215	-10.4	87	0.00
57 T	1,3-Dichloropropane	50.000	53.930	-7.9	88	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	245.993	1.6	82	0.00
59 T	2-Hexanone	250.000	254.772	-1.9	78	0.00
60 T	Dibromochloromethane	50.000	55.205	-10.4	88	0.00
61 T	1,2-Dibromoethane	50.000	54.021	-8.0	87	0.00
62 S	4-Bromofluorobenzene	50.000	47.203	5.6	85	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64 T	Tetrachloroethene	50.000	55.462	-10.9	94	0.00
65 PM	Chlorobenzene	50.000	51.588	-3.2	89	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.192	-6.4	89	0.00
67 C	Ethyl Benzene	50.000	52.013	-4.0#	89	0.00
68 T	m/p-Xylenes	100.000	104.867	-4.9	89	0.00
69 T	o-Xylene	50.000	52.481	-5.0	89	0.00
70 T	Styrene	50.000	53.481	-7.0	90	0.00
71 P	Bromoform	50.000	54.846	-9.7	91	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73 T	Isopropylbenzene	50.000	51.621	-3.2	92	0.00
74 T	N-amyl acetate	50.000	48.956	2.1	84	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.988	0.0	87	0.00
76 T	1,2,3-Trichloropropane	50.000	52.455	-4.9	82	0.00
77 T	Bromobenzene	50.000	50.603	-1.2	89	0.00
78 T	n-propylbenzene	50.000	50.510	-1.0	92	0.00
79 T	2-Chlorotoluene	50.000	50.093	-0.2	90	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.472	-2.9	92	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.651	-1.3	87	0.00
82 T	4-Chlorotoluene	50.000	50.548	-1.1	91	0.00
83 T	tert-Butylbenzene	50.000	51.365	-2.7	94	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.778	-3.6	92	0.00
85 T	sec-Butylbenzene	50.000	51.085	-2.2	93	0.00
86 T	p-Isopropyltoluene	50.000	52.134	-4.3	95	0.00
87 T	1,3-Dichlorobenzene	50.000	50.917	-1.8	91	0.00
88 T	1,4-Dichlorobenzene	50.000	50.098	-0.2	91	0.00
89 T	n-Butylbenzene	50.000	51.252	-2.5	93	0.00
90 T	Hexachloroethane	50.000	51.484	-3.0	94	0.00
91 T	1,2-Dichlorobenzene	50.000	50.900	-1.8	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.970	-3.9	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.682	-1.4	93	0.00
94 T	Hexachlorobutadiene	50.000	50.912	-1.8	96	0.00
95 T	Naphthalene	50.000	52.754	-5.5	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.646	-3.3	95	0.00

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