

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
 Data File : VY014638.D
 Acq On : 14 Jul 2023 11:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 14 23:04:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 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	83	0.00
2 T	Dichlorodifluoromethane	50.000	42.280	15.4	74	0.00
3 P	Chloromethane	50.000	48.741	2.5	83	0.00
4 C	Vinyl Chloride	50.000	48.907	2.2#	81	0.00
5 T	Bromomethane	50.000	52.755	-5.5	89	0.00
6 T	Chloroethane	50.000	51.304	-2.6	84	0.00
7 T	Trichlorofluoromethane	50.000	45.900	8.2	75	0.00
8 T	Diethyl Ether	50.000	50.203	-0.4	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.020	10.0	73	0.00
10 T	Methyl Iodide	50.000	49.719	0.6	85	0.00
11 T	Tert butyl alcohol	250.000	233.778	6.5	83	0.00
12 CM	1,1-Dichloroethene	50.000	46.680	6.6#	76	0.00
13 T	Acrolein	250.000	235.136	5.9	86	0.00
14 T	Allyl chloride	50.000	47.048	5.9	77	0.00
15 T	Acrylonitrile	250.000	271.592	-8.6	89	0.00
16 T	Acetone	250.000	276.377	-10.6	86	0.00
17 T	Carbon Disulfide	50.000	44.693	10.6	75	0.00
18 T	Methyl Acetate	50.000	53.632	-7.3	88	0.00
19 T	Methyl tert-butyl Ether	50.000	51.503	-3.0	84	0.00
20 T	Methylene Chloride	50.000	50.838	-1.7	82	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.472	5.1	78	0.00
22 T	Diisopropyl ether	50.000	49.687	0.6	80	0.00
23 T	Vinyl Acetate	250.000	256.241	-2.5	83	0.00
24 P	1,1-Dichloroethane	50.000	48.888	2.2	79	0.00
25 T	2-Butanone	250.000	268.445	-7.4	88	0.00
26 T	2,2-Dichloropropane	50.000	47.215	5.6	77	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.038	-0.1	81	0.00
28 T	Bromochloromethane	50.000	51.526	-3.1	90	0.00
29 T	Tetrahydrofuran	250.000	270.527	-8.2	90	0.00
30 C	Chloroform	50.000	49.526	0.9#	81	0.00
31 T	Cyclohexane	50.000	41.834	16.3	72	0.00
32 T	1,1,1-Trichloroethane	50.000	47.836	4.3	78	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.479	-9.0	92	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35 S	Dibromofluoromethane	50.000	53.077	-6.2	91	0.00
36 T	1,1-Dichloropropene	50.000	45.679	8.6	76	0.00
37 T	Ethyl Acetate	50.000	51.509	-3.0	90	0.00
38 T	Carbon Tetrachloride	50.000	45.926	8.1	76	0.00
39 T	Methylcyclohexane	50.000	42.941	14.1	72	0.00
40 TM	Benzene	50.000	47.746	4.5	80	0.00
41 T	Methacrylonitrile	50.000	53.611	-7.2	93	0.00
42 TM	1,2-Dichloroethane	50.000	49.694	0.6	83	0.00
43 T	Isopropyl Acetate	50.000	50.568	-1.1	85	0.00
44 TM	Trichloroethene	50.000	47.311	5.4	79	0.00
45 C	1,2-Dichloropropane	50.000	47.779	4.4#	79	0.00
46 T	Dibromomethane	50.000	49.605	0.8	83	0.00
47 T	Bromodichloromethane	50.000	48.918	2.2	81	0.00
48 T	Methyl methacrylate	50.000	50.458	-0.9	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1046.766	-4.7	87	0.00
50 S	Toluene-d8	50.000	51.343	-2.7	89	0.00
51 T	4-Methyl-2-Pentanone	250.000	261.436	-4.6	88	0.00
52 CM	Toluene	50.000	47.754	4.5#	80	0.00
53 T	t-1,3-Dichloropropene	50.000	48.317	3.4	80	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.569	2.9	81	0.00
55 T	1,1,2-Trichloroethane	50.000	50.010	-0.0	83	0.00
56 T	Ethyl methacrylate	50.000	50.808	-1.6	84	0.00
57 T	1,3-Dichloropropane	50.000	49.679	0.6	82	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	275.907	-10.4	94	0.00
59 T	2-Hexanone	250.000	266.788	-6.7	89	0.00
60 T	Dibromochloromethane	50.000	49.883	0.2	83	0.00
61 T	1,2-Dibromoethane	50.000	50.307	-0.6	84	0.00
62 S	4-Bromofluorobenzene	50.000	51.040	-2.1	89	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64 T	Tetrachloroethene	50.000	47.104	5.8	80	0.00
65 PM	Chlorobenzene	50.000	48.115	3.8	81	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.195	1.6	81	0.00
67 C	Ethyl Benzene	50.000	46.996	6.0#	78	0.00
68 T	m/p-Xylenes	100.000	94.604	5.4	79	0.00
69 T	o-Xylene	50.000	47.607	4.8	80	0.00
70 T	Styrene	50.000	48.336	3.3	80	0.00
71 P	Bromoform	50.000	51.362	-2.7	85	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73 T	Isopropylbenzene	50.000	45.360	9.3	78	0.00
74 T	N-ethyl acetate	50.000	49.054	1.9	84	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.722	2.6	85	0.00
76 T	1,2,3-Trichloropropane	50.000	48.190	3.6	84	0.00
77 T	Bromobenzene	50.000	47.573	4.9	81	0.00
78 T	n-propylbenzene	50.000	45.526	8.9	78	0.00
79 T	2-Chlorotoluene	50.000	46.193	7.6	79	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.246	7.5	79	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.716	0.6	84	0.00
82 T	4-Chlorotoluene	50.000	46.415	7.2	79	0.00
83 T	tert-Butylbenzene	50.000	45.961	8.1	78	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.807	6.4	80	0.00
85 T	sec-Butylbenzene	50.000	45.587	8.8	78	0.00
86 T	p-Isopropyltoluene	50.000	46.398	7.2	78	0.00
87 T	1,3-Dichlorobenzene	50.000	47.679	4.6	81	0.00
88 T	1,4-Dichlorobenzene	50.000	48.068	3.9	82	0.00
89 T	n-Butylbenzene	50.000	45.347	9.3	76	0.00
90 T	Hexachloroethane	50.000	46.456	7.1	79	0.00
91 T	1,2-Dichlorobenzene	50.000	48.523	3.0	82	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.947	0.1	87	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.071	1.9	81	0.00
94 T	Hexachlorobutadiene	50.000	47.020	6.0	78	0.00
95 T	Naphthalene	50.000	50.913	-1.8	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.196	1.6	82	0.00

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