

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016215.D
 Acq On : 03 Nov 2023 15:46
 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: Nov 03 23:03:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 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	49.396	1.2	78	0.00
3 P	Chloromethane	50.000	48.402	3.2	81	0.00
4 C	Vinyl Chloride	50.000	52.932	-5.9#	85	0.00
5 T	Bromomethane	50.000	52.871	-5.7	89	0.00
6 T	Chloroethane	50.000	51.442	-2.9	86	0.00
7 T	Trichlorofluoromethane	50.000	52.012	-4.0	84	0.00
8 T	Diethyl Ether	50.000	56.336	-12.7	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.405	-0.8	83	0.00
10 T	Methyl Iodide	50.000	53.124	-6.2	89	0.00
11 T	Tert butyl alcohol	250.000	287.641	-15.1	118	0.00
12 CM	1,1-Dichloroethene	50.000	51.148	-2.3#	86	0.00
13 T	Acrolein	250.000	289.086	-15.6	111	0.00
14 T	Allyl chloride	50.000	56.982	-14.0	96	0.00
15 T	Acrylonitrile	250.000	297.337	-18.9	107	0.00
16 T	Acetone	250.000	283.347	-13.3	101	0.00
17 T	Carbon Disulfide	50.000	50.946	-1.9	82	0.00
18 T	Methyl Acetate	50.000	61.540	-23.1	111	0.00
19 T	Methyl tert-butyl Ether	50.000	57.582	-15.2	100	0.00
20 T	Methylene Chloride	50.000	52.767	-5.5	90	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.252	-6.5	89	0.00
22 T	Diisopropyl ether	50.000	56.120	-12.2	96	0.00
23 T	Vinyl Acetate	250.000	284.365	-13.7	99	0.00
24 P	1,1-Dichloroethane	50.000	55.174	-10.3	94	0.00
25 T	2-Butanone	250.000	289.713	-15.9	109	0.00
26 T	2,2-Dichloropropane	50.000	50.915	-1.8	84	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.800	-9.6	93	0.00
28 T	Bromochloromethane	50.000	51.097	-2.2	85	0.00
29 T	Tetrahydrofuran	250.000	304.809	-21.9	109	0.00
30 C	Chloroform	50.000	54.729	-9.5#	93	0.00
31 T	Cyclohexane	50.000	47.773	4.5	82	0.00
32 T	1,1,1-Trichloroethane	50.000	51.941	-3.9	87	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.356	-8.7	96	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35 S	Dibromofluoromethane	50.000	48.805	2.4	90	0.00
36 T	1,1-Dichloropropene	50.000	49.184	1.6	87	0.00
37 T	Ethyl Acetate	50.000	56.392	-12.8	106	0.00
38 T	Carbon Tetrachloride	50.000	53.154	-6.3	90	0.00
39 T	Methylcyclohexane	50.000	48.379	3.2	81	0.00
40 TM	Benzene	50.000	51.134	-2.3	92	0.00
41 T	Methacrylonitrile	50.000	48.592	2.8	101	0.00
42 TM	1,2-Dichloroethane	50.000	52.646	-5.3	96	0.00
43 T	Isopropyl Acetate	50.000	57.216	-14.4	108	0.00
44 TM	Trichloroethene	50.000	50.060	-0.1	89	0.00
45 C	1,2-Dichloropropane	50.000	53.277	-6.6#	94	0.00
46 T	Dibromomethane	50.000	53.145	-6.3	96	0.00
47 T	Bromodichloromethane	50.000	54.160	-8.3	98	0.00
48 T	Methyl methacrylate	50.000	54.454	-8.9	101	0.00

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

49 T	1,4-Dioxane	1000.000	1005.013	-0.5	96	0.00
50 S	Toluene-d8	50.000	50.748	-1.5	91	0.00
51 T	4-Methyl-2-Pentanone	250.000	290.451	-16.2	107	0.00
52 CM	Toluene	50.000	51.877	-3.8#	92	0.00
53 T	t-1,3-Dichloropropene	50.000	53.445	-6.9	97	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.220	-4.4	95	0.00
55 T	1,1,2-Trichloroethane	50.000	54.529	-9.1	100	0.00
56 T	Ethyl methacrylate	50.000	56.272	-12.5	102	0.00
57 T	1,3-Dichloropropane	50.000	53.268	-6.5	99	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	279.293	-11.7	104	0.00
59 T	2-Hexanone	250.000	293.399	-17.4	109	0.00
60 T	Dibromochloromethane	50.000	53.523	-7.0	97	0.00
61 T	1,2-Dibromoethane	50.000	54.182	-8.4	99	0.00
62 S	4-Bromofluorobenzene	50.000	49.026	1.9	94	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64 T	Tetrachloroethene	50.000	47.249	5.5	84	0.00
65 PM	Chlorobenzene	50.000	51.446	-2.9	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.991	-6.0	95	0.00
67 C	Ethyl Benzene	50.000	50.885	-1.8#	89	0.00
68 T	m/p-Xylenes	100.000	101.221	-1.2	88	0.00
69 T	o-Xylene	50.000	51.352	-2.7	91	0.00
70 T	Styrene	50.000	51.556	-3.1	91	0.00
71 P	Bromoform	50.000	55.031	-10.1	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73 T	Isopropylbenzene	50.000	50.108	-0.2	88	0.00
74 T	N-amyl acetate	50.000	54.660	-9.3	100	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.293	-10.6	106	0.00
76 T	1,2,3-Trichloropropane	50.000	56.058	-12.1	93	0.00
77 T	Bromobenzene	50.000	50.461	-0.9	92	0.00
78 T	n-propylbenzene	50.000	49.575	0.8	87	0.00
79 T	2-Chlorotoluene	50.000	50.058	-0.1	90	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.310	1.4	87	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.708	-9.4	102	0.00
82 T	4-Chlorotoluene	50.000	50.350	-0.7	90	0.00
83 T	tert-Butylbenzene	50.000	49.128	1.7	85	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.566	0.9	89	0.00
85 T	sec-Butylbenzene	50.000	49.193	1.6	86	0.00
86 T	p-Isopropyltoluene	50.000	48.976	2.0	85	0.00
87 T	1,3-Dichlorobenzene	50.000	49.746	0.5	90	0.00
88 T	1,4-Dichlorobenzene	50.000	49.762	0.5	92	0.00
89 T	n-Butylbenzene	50.000	48.867	2.3	85	0.00
90 T	Hexachloroethane	50.000	54.182	-8.4	95	0.00
91 T	1,2-Dichlorobenzene	50.000	50.752	-1.5	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.960	0.1	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.343	7.3	83	0.00
94 T	Hexachlorobutadiene	50.000	46.690	6.6	83	0.00
95 T	Naphthalene	50.000	48.314	3.4	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.844	8.3	84	0.00

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