

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
 Data File : VY015705.D
 Acq On : 26 Sep 2023 09:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 27 01:29:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 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	95	0.01
2 T	Dichlorodifluoromethane	50.000	47.159	5.7	83	0.01
3 P	Chloromethane	50.000	46.626	6.7	82	0.00
4 C	Vinyl Chloride	50.000	48.530	2.9#	85	0.01
5 T	Bromomethane	50.000	40.338	19.3	78	0.02
6 T	Chloroethane	50.000	46.317	7.4	82	0.01
7 T	Trichlorofluoromethane	50.000	49.280	1.4	90	0.01
8 T	Diethyl Ether	50.000	46.930	6.1	85	0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.560	2.9	88	0.00
10 T	Methyl Iodide	50.000	43.964	12.1	80	0.01
11 T	Tert butyl alcohol	250.000	300.336	-20.1	121	0.05
12 CM	1,1-Dichloroethene	50.000	48.090	3.8#	87	0.01
13 T	Acrolein	250.000	234.447	6.2	88	0.02
14 T	Allyl chloride	50.000	47.086	5.8	85	0.01
15 T	Acrylonitrile	250.000	245.230	1.9	93	0.02
16 T	Acetone	250.000	314.206	-25.7#	124	0.03
17 T	Carbon Disulfide	50.000	47.000	6.0	80	0.01
18 T	Methyl Acetate	50.000	51.310	-2.6	96	0.02
19 T	Methyl tert-butyl Ether	50.000	47.951	4.1	87	0.02
20 T	Methylene Chloride	50.000	49.407	1.2	92	0.02
21 T	trans-1,2-Dichloroethene	50.000	47.616	4.8	84	0.02
22 T	Diisopropyl ether	50.000	47.355	5.3	84	0.01
23 T	Vinyl Acetate	250.000	236.713	5.3	85	0.02
24 P	1,1-Dichloroethane	50.000	46.982	6.0	85	0.02
25 T	2-Butanone	250.000	275.037	-10.0	110	0.02
26 T	2,2-Dichloropropane	50.000	45.686	8.6	89	0.01
27 T	cis-1,2-Dichloroethene	50.000	46.175	7.7	83	0.01
28 T	Bromochloromethane	50.000	43.350	13.3	81	0.00
29 T	Tetrahydrofuran	250.000	256.838	-2.7	98	0.02
30 C	Chloroform	50.000	46.969	6.1#	86	0.01
31 T	Cyclohexane	50.000	45.268	9.5	85	0.00
32 T	1,1,1-Trichloroethane	50.000	47.981	4.0	87	0.02
33 S	1,2-Dichloroethane-d4	50.000	43.902	12.2	92	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35 S	Dibromofluoromethane	50.000	47.567	4.9	93	0.00
36 T	1,1-Dichloropropene	50.000	48.381	3.2	86	0.01
37 T	Ethyl Acetate	50.000	51.711	-3.4	96	0.02
38 T	Carbon Tetrachloride	50.000	49.446	1.1	87	0.01
39 T	Methylcyclohexane	50.000	47.652	4.7	83	0.00
40 TM	Benzene	50.000	48.166	3.7	84	0.01
41 T	Methacrylonitrile	50.000	49.111	1.8	102	0.00
42 TM	1,2-Dichloroethane	50.000	47.763	4.5	85	0.00
43 T	Isopropyl Acetate	50.000	49.426	1.1	90	0.01
44 TM	Trichloroethene	50.000	48.748	2.5	86	0.00
45 C	1,2-Dichloropropane	50.000	48.037	3.9#	84	0.00
46 T	Dibromomethane	50.000	48.878	2.2	86	0.01
47 T	Bromodichloromethane	50.000	48.722	2.6	86	0.01
48 T	Methyl methacrylate	50.000	50.327	-0.7	90	0.00

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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)

49 T	1,4-Dioxane	1000.000	1159.649	-16.0	110	0.04
50 S	Toluene-d8	50.000	44.288	11.4	91	0.00
51 T	4-Methyl-2-Pentanone	250.000	260.228	-4.1	95	0.00
52 CM	Toluene	50.000	47.880	4.2#	83	0.00
53 T	t-1,3-Dichloropropene	50.000	48.374	3.3	84	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.570	2.9	85	0.00
55 T	1,1,2-Trichloroethane	50.000	48.563	2.9	87	0.00
56 T	Ethyl methacrylate	50.000	50.412	-0.8	87	0.00
57 T	1,3-Dichloropropane	50.000	48.684	2.6	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	246.094	1.6	94	0.01
59 T	2-Hexanone	250.000	284.359	-13.7	105	0.00
60 T	Dibromochloromethane	50.000	49.380	1.2	88	0.00
61 T	1,2-Dibromoethane	50.000	49.201	1.6	89	0.00
62 S	4-Bromofluorobenzene	50.000	46.322	7.4	93	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	51.723	-3.4	91	0.00
65 PM	Chlorobenzene	50.000	47.540	4.9	84	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.315	1.4	86	0.00
67 C	Ethyl Benzene	50.000	48.961	2.1#	85	0.00
68 T	m/p-Xylenes	100.000	97.723	2.3	84	0.00
69 T	o-Xylene	50.000	48.791	2.4	84	0.00
70 T	Styrene	50.000	49.671	0.7	84	0.00
71 P	Bromoform	50.000	52.062	-4.1	90	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73 T	Isopropylbenzene	50.000	47.692	4.6	85	0.00
74 T	N-ethyl acetate	50.000	50.280	-0.6	89	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.358	1.3	92	0.00
76 T	1,2,3-Trichloropropane	50.000	45.347	9.3	81	0.00
77 T	Bromobenzene	50.000	46.995	6.0	85	0.00
78 T	n-propylbenzene	50.000	47.538	4.9	84	0.00
79 T	2-Chlorotoluene	50.000	47.512	5.0	84	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.773	4.5	84	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.167	-2.3	92	0.00
82 T	4-Chlorotoluene	50.000	46.398	7.2	82	0.00
83 T	tert-Butylbenzene	50.000	48.531	2.9	86	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.029	3.9	84	0.00
85 T	sec-Butylbenzene	50.000	47.874	4.3	84	0.00
86 T	p-Isopropyltoluene	50.000	47.597	4.8	83	0.00
87 T	1,3-Dichlorobenzene	50.000	47.300	5.4	84	0.00
88 T	1,4-Dichlorobenzene	50.000	47.581	4.8	85	0.00
89 T	n-Butylbenzene	50.000	46.886	6.2	82	0.00
90 T	Hexachloroethane	50.000	48.205	3.6	85	0.00
91 T	1,2-Dichlorobenzene	50.000	47.941	4.1	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.022	-2.0	97	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.606	4.8	84	0.00
94 T	Hexachlorobutadiene	50.000	42.586	14.8	74	0.00
95 T	Naphthalene	50.000	50.695	-1.4	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.309	3.4	85	0.00

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