

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
 Data File : VY016226.D
 Acq On : 06 Nov 2023 09:35
 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: Nov 06 23:53:07 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	91	-0.01
2 T	Dichlorodifluoromethane	50.000	48.176	3.6	84	0.00
3 P	Chloromethane	50.000	43.318	13.4	80	0.00
4 C	Vinyl Chloride	50.000	48.187	3.6#	86	0.00
5 T	Bromomethane	50.000	47.458	5.1	88	0.00
6 T	Chloroethane	50.000	46.447	7.1	85	0.00
7 T	Trichlorofluoromethane	50.000	51.283	-2.6	92	0.00
8 T	Diethyl Ether	50.000	50.633	-1.3	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.873	-1.7	92	0.00
10 T	Methyl Iodide	50.000	49.204	1.6	91	-0.01
11 T	Tert butyl alcohol	250.000	230.201	7.9	104	0.00
12 CM	1,1-Dichloroethene	50.000	49.500	1.0#	92	0.00
13 T	Acrolein	250.000	298.523	-19.4	126	0.00
14 T	Allyl chloride	50.000	53.685	-7.4	100	-0.01
15 T	Acrylonitrile	250.000	261.196	-4.5	103	-0.01
16 T	Acetone	250.000	265.308	-6.1	105	0.00
17 T	Carbon Disulfide	50.000	48.239	3.5	86	0.00
18 T	Methyl Acetate	50.000	52.455	-4.9	105	0.00
19 T	Methyl tert-butyl Ether	50.000	51.114	-2.2	98	-0.01
20 T	Methylene Chloride	50.000	48.043	3.9	91	-0.01
21 T	trans-1,2-Dichloroethene	50.000	49.077	1.8	90	-0.02
22 T	Diisopropyl ether	50.000	51.488	-3.0	97	-0.01
23 T	Vinyl Acetate	250.000	257.257	-2.9	99	-0.01
24 P	1,1-Dichloroethane	50.000	51.064	-2.1	96	-0.02
25 T	2-Butanone	250.000	256.134	-2.5	107	-0.01
26 T	2,2-Dichloropropane	50.000	50.233	-0.5	92	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.709	-1.4	95	-0.01
28 T	Bromochloromethane	50.000	54.997	-10.0	101	-0.01
29 T	Tetrahydrofuran	250.000	261.400	-4.6	103	0.00
30 C	Chloroform	50.000	50.250	-0.5#	94	0.00
31 T	Cyclohexane	50.000	47.332	5.3	90	-0.01
32 T	1,1,1-Trichloroethane	50.000	49.263	1.5	91	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.701	-3.4	101	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35 S	Dibromofluoromethane	50.000	50.465	-0.9	101	0.00
36 T	1,1-Dichloropropene	50.000	48.363	3.3	92	-0.01
37 T	Ethyl Acetate	50.000	49.617	0.8	100	-0.01
38 T	Carbon Tetrachloride	50.000	52.330	-4.7	96	0.00
39 T	Methylcyclohexane	50.000	48.236	3.5	87	0.00
40 TM	Benzene	50.000	48.077	3.8	93	-0.01
41 T	Methacrylonitrile	50.000	43.997	12.0	98	0.00
42 TM	1,2-Dichloroethane	50.000	48.003	4.0	95	0.00
43 T	Isopropyl Acetate	50.000	49.654	0.7	101	-0.01
44 TM	Trichloroethene	50.000	47.360	5.3	90	-0.01
45 C	1,2-Dichloropropane	50.000	50.464	-0.9#	96	-0.01
46 T	Dibromomethane	50.000	49.550	0.9	96	0.00
47 T	Bromodichloromethane	50.000	50.122	-0.2	97	-0.01
48 T	Methyl methacrylate	50.000	49.666	0.7	99	0.00

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

49 T	1,4-Dioxane	1000.000	895.831	10.4	93	-0.01
50 S	Toluene-d8	50.000	50.958	-1.9	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	253.955	-1.6	101	0.00
52 CM	Toluene	50.000	47.868	4.3#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	49.904	0.2	98	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.160	1.7	96	0.00
55 T	1,1,2-Trichloroethane	50.000	49.020	2.0	97	0.00
56 T	Ethyl methacrylate	50.000	50.509	-1.0	98	0.00
57 T	1,3-Dichloropropane	50.000	49.062	1.9	98	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	270.801	-8.3	109	0.00
59 T	2-Hexanone	250.000	274.983	-10.0	110	0.00
60 T	Dibromochloromethane	50.000	49.238	1.5	96	0.00
61 T	1,2-Dibromoethane	50.000	48.735	2.5	96	0.00
62 S	4-Bromofluorobenzene	50.000	48.870	2.3	101	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	43.826	12.3	83	-0.01
65 PM	Chlorobenzene	50.000	47.987	4.0	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.493	-1.0	97	0.00
67 C	Ethyl Benzene	50.000	48.462	3.1#	91	0.00
68 T	m/p-Xylenes	100.000	95.996	4.0	89	0.00
69 T	o-Xylene	50.000	48.479	3.0	92	0.00
70 T	Styrene	50.000	48.339	3.3	91	0.00
71 P	Bromoform	50.000	50.809	-1.6	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73 T	Isopropylbenzene	50.000	49.437	1.1	90	0.00
74 T	N-ethyl acetate	50.000	50.604	-1.2	95	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.164	-4.3	103	0.00
76 T	1,2,3-Trichloropropane	50.000	49.784	0.4	86	0.00
77 T	Bromobenzene	50.000	49.148	1.7	93	0.00
78 T	n-propylbenzene	50.000	49.978	0.0	90	0.00
79 T	2-Chlorotoluene	50.000	48.868	2.3	90	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.007	2.0	90	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.443	-2.9	99	0.00
82 T	4-Chlorotoluene	50.000	49.350	1.3	92	0.00
83 T	tert-Butylbenzene	50.000	49.482	1.0	89	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.680	2.6	90	0.00
85 T	sec-Butylbenzene	50.000	49.741	0.5	90	0.00
86 T	p-Isopropyltoluene	50.000	49.300	1.4	89	0.00
87 T	1,3-Dichlorobenzene	50.000	48.472	3.1	90	0.00
88 T	1,4-Dichlorobenzene	50.000	48.641	2.7	93	0.00
89 T	n-Butylbenzene	50.000	50.196	-0.4	91	0.00
90 T	Hexachloroethane	50.000	54.063	-8.1	98	0.00
91 T	1,2-Dichlorobenzene	50.000	49.280	1.4	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.043	5.9	93	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.957	6.1	87	0.00
94 T	Hexachlorobutadiene	50.000	49.791	0.4	91	0.00
95 T	Naphthalene	50.000	43.922	12.2	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.183	9.6	86	0.00

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