

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\YY112823\
 Data File : VY016511.D
 Acq On : 28 Nov 2023 10:43
 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 29 03:03:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 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	86	0.02
2 T	Dichlorodifluoromethane	50.000	48.870	2.3	90	0.01
3 P	Chloromethane	50.000	43.526	12.9	80	0.01
4 C	Vinyl Chloride	50.000	46.043	7.9#	83	0.01
5 T	Bromomethane	50.000	47.215	5.6	86	0.01
6 T	Chloroethane	50.000	47.935	4.1	87	0.02
7 T	Trichlorofluoromethane	50.000	53.287	-6.6	92	0.01
8 T	Diethyl Ether	50.000	52.718	-5.4	91	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.355	-2.7	92	0.01
10 T	Methyl Iodide	50.000	57.014	-14.0	97	0.02
11 T	Tert butyl alcohol	250.000	226.235	9.5	80	0.02
12 CM	1,1-Dichloroethene	50.000	51.688	-3.4#	91	0.01
13 T	Acrolein	250.000	225.450	9.8	76	0.01
14 T	Allyl chloride	50.000	43.692	12.6	75	0.01
15 T	Acrylonitrile	250.000	249.792	0.1	84	0.02
16 T	Acetone	250.000	259.228	-3.7	93	0.01
17 T	Carbon Disulfide	50.000	49.295	1.4	87	0.02
18 T	Methyl Acetate	50.000	49.393	1.2	84	0.01
19 T	Methyl tert-butyl Ether	50.000	51.329	-2.7	87	0.02
20 T	Methylene Chloride	50.000	52.670	-5.3	87	0.02
21 T	trans-1,2-Dichloroethene	50.000	51.461	-2.9	91	0.02
22 T	Diisopropyl ether	50.000	44.146	11.7	75	0.02
23 T	Vinyl Acetate	250.000	218.408	12.6	73	0.02
24 P	1,1-Dichloroethane	50.000	47.620	4.8	83	0.01
25 T	2-Butanone	250.000	230.230	7.9	79	0.01
26 T	2,2-Dichloropropane	50.000	50.680	-1.4	88	0.02
27 T	cis-1,2-Dichloroethene	50.000	51.558	-3.1	90	0.02
28 T	Bromochloromethane	50.000	45.552	8.9	79	0.01
29 T	Tetrahydrofuran	250.000	226.039	9.6	75	0.01
30 C	Chloroform	50.000	51.907	-3.8#	91	0.01
31 T	Cyclohexane	50.000	42.933	14.1	78	0.01
32 T	1,1,1-Trichloroethane	50.000	52.790	-5.6	92	0.02
33 S	1,2-Dichloroethane-d4	50.000	46.466	7.1	82	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.01
35 S	Dibromofluoromethane	50.000	56.599	-13.2	94	0.01
36 T	1,1-Dichloropropene	50.000	50.993	-2.0	85	0.02
37 T	Ethyl Acetate	50.000	45.584	8.8	74	0.01
38 T	Carbon Tetrachloride	50.000	57.684	-15.4	95	0.01
39 T	Methylcyclohexane	50.000	51.730	-3.5	85	0.01
40 TM	Benzene	50.000	52.879	-5.8	87	0.01
41 T	Methacrylonitrile	50.000	48.731	2.5	82	0.01
42 TM	1,2-Dichloroethane	50.000	52.656	-5.3	85	0.02
43 T	Isopropyl Acetate	50.000	46.050	7.9	74	0.02
44 TM	Trichloroethene	50.000	56.638	-13.3	94	0.01
45 C	1,2-Dichloropropane	50.000	51.032	-2.1#	82	0.01
46 T	Dibromomethane	50.000	55.567	-11.1	90	0.01
47 T	Bromodichloromethane	50.000	54.627	-9.3	89	0.01
48 T	Methyl methacrylate	50.000	46.889	6.2	73	0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1036.392	-3.6	81	0.00
50 S	Toluene-d8	50.000	50.384	-0.8	84	0.01
51 T	4-Methyl-2-Pentanone	250.000	238.870	4.5	76	0.01
52 CM	Toluene	50.000	54.099	-8.2#	89	0.01
53 T	t-1,3-Dichloropropene	50.000	54.558	-9.1	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.874	-7.7	87	0.00
55 T	1,1,2-Trichloroethane	50.000	55.645	-11.3	90	0.01
56 T	Ethyl methacrylate	50.000	54.301	-8.6	84	0.01
57 T	1,3-Dichloropropane	50.000	55.073	-10.1	88	0.01
58 T	2-Chloroethyl Vinyl ether	250.000	273.834	-9.5	81	0.00
59 T	2-Hexanone	250.000	229.303	8.3	77	0.00
60 T	Dibromochloromethane	50.000	59.957	-19.9	95	0.01
61 T	1,2-Dibromoethane	50.000	57.231	-14.5	92	0.01
62 S	4-Bromofluorobenzene	50.000	53.027	-6.1	88	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.01
64 T	Tetrachloroethene	50.000	57.702	-15.4	95	0.01
65 PM	Chlorobenzene	50.000	55.748	-11.5	93	0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	57.246	-14.5	94	0.01
67 C	Ethyl Benzene	50.000	53.903	-7.8#	88	0.01
68 T	m/p-Xylenes	100.000	110.103	-10.1	90	0.00
69 T	o-Xylene	50.000	55.771	-11.5	89	0.01
70 T	Styrene	50.000	56.566	-13.1	91	0.00
71 P	Bromoform	50.000	61.587	-23.2	99	0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.01
73 T	Isopropylbenzene	50.000	52.827	-5.7	90	0.01
74 T	N-amyl acetate	50.000	42.615	14.8	69	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.051	-4.1	88	0.00
76 T	1,2,3-Trichloropropane	50.000	45.594	8.8	83	0.01
77 T	Bromobenzene	50.000	56.624	-13.2	95	0.01
78 T	n-propylbenzene	50.000	51.247	-2.5	87	0.01
79 T	2-Chlorotoluene	50.000	52.229	-4.5	88	0.01
80 T	1,3,5-Trimethylbenzene	50.000	53.526	-7.1	90	0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	52.441	-4.9	89	0.01
82 T	4-Chlorotoluene	50.000	51.104	-2.2	87	0.01
83 T	tert-Butylbenzene	50.000	52.801	-5.6	89	0.01
84 T	1,2,4-Trimethylbenzene	50.000	53.074	-6.1	89	0.01
85 T	sec-Butylbenzene	50.000	52.629	-5.3	90	0.00
86 T	p-Isopropyltoluene	50.000	53.934	-7.9	91	0.00
87 T	1,3-Dichlorobenzene	50.000	54.660	-9.3	94	0.01
88 T	1,4-Dichlorobenzene	50.000	53.953	-7.9	92	0.01
89 T	n-Butylbenzene	50.000	50.714	-1.4	85	0.01
90 T	Hexachloroethane	50.000	53.305	-6.6	92	0.01
91 T	1,2-Dichlorobenzene	50.000	54.593	-9.2	94	0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.924	-1.8	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.234	-8.5	92	0.01
94 T	Hexachlorobutadiene	50.000	55.346	-10.7	96	0.00
95 T	Naphthalene	50.000	53.593	-7.2	90	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.143	-6.3	94	0.01

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