

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012060.D
 Acq On : 03 Jan 2023 20:25
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 04 01:22:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 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	77	0.00
2 T	Dichlorodifluoromethane	50.000	46.888	6.2	65	0.00
3 P	Chloromethane	50.000	39.011	22.0	57	0.00
4 C	Vinyl Chloride	50.000	41.884	16.2#	60	0.00
5 T	Bromomethane	50.000	44.549	10.9	68	0.00
6 T	Chloroethane	50.000	44.318	11.4	65	0.00
7 T	Trichlorofluoromethane	50.000	48.629	2.7	72	0.00
8 T	Diethyl Ether	50.000	49.823	0.4	74	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.287	5.4	71	0.00
10 T	Methyl Iodide	50.000	45.090	9.8	63	0.00
11 T	Tert butyl alcohol	250.000	241.760	3.3	75	0.00
12 CM	1,1-Dichloroethene	50.000	45.235	9.5#	67	0.00
13 T	Acrolein	250.000	191.569	23.4	64	0.00
14 T	Allyl chloride	50.000	43.108	13.8	63	0.00
15 T	Acrylonitrile	250.000	267.367	-6.9	78	0.00
16 T	Acetone	250.000	165.689	33.7#	47	0.00
17 T	Carbon Disulfide	50.000	37.675	24.7	55	0.00
18 T	Methyl Acetate	50.000	48.531	2.9	73	0.00
19 T	Methyl tert-butyl Ether	50.000	54.859	-9.7	79	0.00
20 T	Methylene Chloride	50.000	50.437	-0.9	74	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.502	9.0	67	0.00
22 T	Diisopropyl ether	50.000	48.426	3.1	70	0.00
23 T	Vinyl Acetate	250.000	255.087	-2.0	71	0.00
24 P	1,1-Dichloroethane	50.000	47.220	5.6	71	0.00
25 T	2-Butanone	250.000	226.542	9.4	62	0.00
26 T	2,2-Dichloropropane	50.000	46.146	7.7	70	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.885	0.2	74	0.00
28 T	Bromochloromethane	50.000	44.355	11.3	70	0.00
29 T	Tetrahydrofuran	250.000	259.926	-4.0	73	0.00
30 C	Chloroform	50.000	50.526	-1.1#	76	0.00
31 T	Cyclohexane	50.000	40.581	18.8	62	0.00
32 T	1,1,1-Trichloroethane	50.000	49.963	0.1	75	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.552	0.9	76	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35 S	Dibromofluoromethane	50.000	50.327	-0.7	75	0.00
36 T	1,1-Dichloropropene	50.000	46.146	7.7	68	0.00
37 T	Ethyl Acetate	50.000	51.061	-2.1	75	0.00
38 T	Carbon Tetrachloride	50.000	50.862	-1.7	75	0.00
39 T	Methylcyclohexane	50.000	46.000	8.0	66	0.00
40 TM	Benzene	50.000	47.837	4.3	71	0.00
41 T	Methacrylonitrile	50.000	52.382	-4.8	71	0.00
42 TM	1,2-Dichloroethane	50.000	54.392	-8.8	81	0.00
43 T	Isopropyl Acetate	50.000	52.396	-4.8	75	0.00
44 TM	Trichloroethene	50.000	48.443	3.1	73	0.00
45 C	1,2-Dichloropropane	50.000	47.943	4.1#	72	0.00
46 T	Dibromomethane	50.000	53.069	-6.1	78	0.00
47 T	Bromodichloromethane	50.000	53.037	-6.1	78	0.00
48 T	Methyl methacrylate	50.000	52.355	-4.7	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1237.524	-23.8	85	0.00
50 S	Toluene-d8	50.000	46.984	6.0	70	0.00
51 T	4-Methyl-2-Pentanone	250.000	269.880	-8.0	76	0.00
52 CM	Toluene	50.000	50.047	-0.1#	73	0.00
53 T	t-1,3-Dichloropropene	50.000	52.719	-5.4	77	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.404	-2.8	74	0.00
55 T	1,1,2-Trichloroethane	50.000	54.505	-9.0	82	0.00
56 T	Ethyl methacrylate	50.000	56.420	-12.8	79	0.00
57 T	1,3-Dichloropropane	50.000	52.995	-6.0	76	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	269.532	-7.8	82	0.00
59 T	2-Hexanone	250.000	256.797	-2.7	69	0.00
60 T	Dibromochloromethane	50.000	55.830	-11.7	80	0.00
61 T	1,2-Dibromoethane	50.000	54.462	-8.9	79	0.00
62 S	4-Bromofluorobenzene	50.000	50.875	-1.8	76	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	79	0.00
64 T	Tetrachloroethene	50.000	50.677	-1.4	77	0.00
65 PM	Chlorobenzene	50.000	49.289	1.4	76	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.551	-3.1	79	0.00
67 C	Ethyl Benzene	50.000	48.826	2.3#	73	0.00
68 T	m/p-Xylenes	100.000	99.008	1.0	74	0.00
69 T	o-Xylene	50.000	50.660	-1.3	76	0.00
70 T	Styrene	50.000	52.168	-4.3	77	0.00
71 P	Bromoform	50.000	56.504	-13.0	86	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73 T	Isopropylbenzene	50.000	46.397	7.2	76	0.00
74 T	N-ethyl acetate	50.000	48.609	2.8	78	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.619	4.8	80	0.00
76 T	1,2,3-Trichloropropane	50.000	42.956	14.1	72	0.00
77 T	Bromobenzene	50.000	47.869	4.3	81	0.00
78 T	n-propylbenzene	50.000	45.252	9.5	74	0.00
79 T	2-Chlorotoluene	50.000	45.979	8.0	77	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.982	6.0	77	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.529	4.9	78	0.00
82 T	4-Chlorotoluene	50.000	46.638	6.7	77	0.00
83 T	tert-Butylbenzene	50.000	48.441	3.1	79	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.201	5.6	77	0.00
85 T	sec-Butylbenzene	50.000	46.361	7.3	76	0.00
86 T	p-Isopropyltoluene	50.000	47.791	4.4	78	0.00
87 T	1,3-Dichlorobenzene	50.000	47.299	5.4	80	0.00
88 T	1,4-Dichlorobenzene	50.000	47.362	5.3	81	0.00
89 T	n-Butylbenzene	50.000	46.136	7.7	75	0.00
90 T	Hexachloroethane	50.000	46.613	6.8	79	0.00
91 T	1,2-Dichlorobenzene	50.000	48.891	2.2	82	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.348	-6.7	87	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.530	-5.1	84	0.00
94 T	Hexachlorobutadiene	50.000	49.804	0.4	83	0.00
95 T	Naphthalene	50.000	50.709	-1.4	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.893	-7.8	85	0.00

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