

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060523\
 Data File : VY014021.D
 Acq On : 05 Jun 2023 20:36
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 06 04:01:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 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	75	0.00
2 T	Dichlorodifluoromethane	50.000	48.219	3.6	69	0.00
3 P	Chloromethane	50.000	46.597	6.8	70	0.00
4 C	Vinyl Chloride	50.000	46.884	6.2#	68	0.00
5 T	Bromomethane	50.000	47.300	5.4	80	0.00
6 T	Chloroethane	50.000	45.073	9.9	71	0.00
7 T	Trichlorofluoromethane	50.000	50.768	-1.5	74	0.00
8 T	Diethyl Ether	50.000	52.053	-4.1	78	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.624	-9.2	78	0.01
10 T	Methyl Iodide	50.000	39.725	20.5	55	0.00
11 T	Tert butyl alcohol	250.000	173.965	30.4#	88	0.00
12 CM	1,1-Dichloroethene	50.000	49.023	2.0#	72	0.00
13 T	Acrolein	250.000	163.745	34.5#	58	0.00
14 T	Allyl chloride	50.000	51.051	-2.1	74	0.00
15 T	Acrylonitrile	250.000	278.922	-11.6	86	0.00
16 T	Acetone	250.000	210.064	16.0	58	0.00
17 T	Carbon Disulfide	50.000	41.461	17.1	61	0.00
18 T	Methyl Acetate	50.000	52.659	-5.3	81	0.00
19 T	Methyl tert-butyl Ether	50.000	56.449	-12.9	83	0.01
20 T	Methylene Chloride	50.000	61.707	-23.4	89	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.501	-3.0	76	0.01
22 T	Diisopropyl ether	50.000	57.588	-15.2	83	0.00
23 T	Vinyl Acetate	250.000	278.530	-11.4	81	0.01
24 P	1,1-Dichloroethane	50.000	53.941	-7.9	81	0.00
25 T	2-Butanone	250.000	249.138	0.3	74	0.00
26 T	2,2-Dichloropropane	50.000	49.540	0.9	74	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.983	-8.0	80	0.01
28 T	Bromochloromethane	50.000	54.961	-9.9	83	0.00
29 T	Tetrahydrofuran	250.000	263.021	-5.2	80	0.00
30 C	Chloroform	50.000	56.300	-12.6#	84	0.00
31 T	Cyclohexane	50.000	46.930	6.1	71	0.00
32 T	1,1,1-Trichloroethane	50.000	53.718	-7.4	78	0.00
33 S	1,2-Dichloroethane-d4	50.000	56.870	-13.7	85	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35 S	Dibromofluoromethane	50.000	58.355	-16.7	86	0.01
36 T	1,1-Dichloropropene	50.000	50.868	-1.7	76	0.00
37 T	Ethyl Acetate	50.000	50.899	-1.8	81	0.00
38 T	Carbon Tetrachloride	50.000	52.534	-5.1	79	0.01
39 T	Methylcyclohexane	50.000	51.514	-3.0	73	0.00
40 TM	Benzene	50.000	52.269	-4.5	79	0.00
41 T	Methacrylonitrile	50.000	49.819	0.4	83	0.01
42 TM	1,2-Dichloroethane	50.000	53.778	-7.6	83	0.00
43 T	Isopropyl Acetate	50.000	52.320	-4.6	81	0.00
44 TM	Trichloroethene	50.000	51.221	-2.4	78	0.00
45 C	1,2-Dichloropropane	50.000	55.891	-11.8#	85	0.00
46 T	Dibromomethane	50.000	54.486	-9.0	84	0.00
47 T	Bromodichloromethane	50.000	56.016	-12.0	85	0.00
48 T	Methyl methacrylate	50.000	54.618	-9.2	82	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1063.884	-6.4	82	0.00
50 S	Toluene-d8	50.000	53.749	-7.5	81	0.00
51 T	4-Methyl-2-Pentanone	250.000	270.006	-8.0	83	0.00
52 CM	Toluene	50.000	53.281	-6.6#	80	0.00
53 T	t-1,3-Dichloropropene	50.000	55.218	-10.4	83	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.668	-9.3	82	0.00
55 T	1,1,2-Trichloroethane	50.000	55.854	-11.7	86	0.00
56 T	Ethyl methacrylate	50.000	56.022	-12.0	82	0.00
57 T	1,3-Dichloropropane	50.000	56.124	-12.2	85	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	264.874	-5.9	84	0.00
59 T	2-Hexanone	250.000	263.038	-5.2	78	0.00
60 T	Dibromochloromethane	50.000	57.122	-14.2	87	0.00
61 T	1,2-Dibromoethane	50.000	53.900	-7.8	83	0.00
62 S	4-Bromofluorobenzene	50.000	57.766	-15.5	86	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64 T	Tetrachloroethene	50.000	52.146	-4.3	84	0.00
65 PM	Chlorobenzene	50.000	50.827	-1.7	82	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.323	-6.6	85	0.00
67 C	Ethyl Benzene	50.000	50.927	-1.9#	80	0.00
68 T	m/p-Xylenes	100.000	102.355	-2.4	80	0.00
69 T	o-Xylene	50.000	51.876	-3.8	81	0.00
70 T	Styrene	50.000	53.406	-6.8	82	0.00
71 P	Bromoform	50.000	52.573	-5.1	85	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73 T	Isopropylbenzene	50.000	50.242	-0.5	81	0.00
74 T	N-amyl acetate	50.000	49.459	1.1	81	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.151	-0.3	85	0.00
76 T	1,2,3-Trichloropropane	50.000	42.468	15.1	77	0.00
77 T	Bromobenzene	50.000	49.853	0.3	82	0.00
78 T	n-propylbenzene	50.000	50.943	-1.9	82	0.00
79 T	2-Chlorotoluene	50.000	50.051	-0.1	82	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.016	-2.0	82	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.427	5.1	80	0.00
82 T	4-Chlorotoluene	50.000	50.107	-0.2	82	0.00
83 T	tert-Butylbenzene	50.000	50.075	-0.2	79	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.465	-2.9	82	0.00
85 T	sec-Butylbenzene	50.000	51.069	-2.1	82	0.00
86 T	p-Isopropyltoluene	50.000	50.778	-1.6	81	0.00
87 T	1,3-Dichlorobenzene	50.000	49.732	0.5	82	0.00
88 T	1,4-Dichlorobenzene	50.000	49.156	1.7	82	0.00
89 T	n-Butylbenzene	50.000	51.031	-2.1	81	0.00
90 T	Hexachloroethane	50.000	49.867	0.3	83	0.00
91 T	1,2-Dichlorobenzene	50.000	50.381	-0.8	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.148	3.7	81	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.913	-1.8	81	0.00
94 T	Hexachlorobutadiene	50.000	52.022	-4.0	85	0.00
95 T	Naphthalene	50.000	46.067	7.9	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.652	-3.3	83	0.00

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