

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071023\
 Data File : VY014608.D
 Acq On : 10 Jul 2023 10:01
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 11 03:12:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 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	82	0.00
2 T	Dichlorodifluoromethane	50.000	53.389	-6.8	87	0.00
3 P	Chloromethane	50.000	50.584	-1.2	87	0.00
4 C	Vinyl Chloride	50.000	52.576	-5.2#	90	0.00
5 T	Bromomethane	50.000	49.346	1.3	88	-0.02
6 T	Chloroethane	50.000	51.900	-3.8	87	-0.01
7 T	Trichlorofluoromethane	50.000	50.655	-1.3	86	-0.01
8 T	Diethyl Ether	50.000	48.290	3.4	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.648	-3.3	88	-0.01
10 T	Methyl Iodide	50.000	53.373	-6.7	82	0.00
11 T	Tert butyl alcohol	250.000	207.818	16.9	70	-0.02
12 CM	1,1-Dichloroethene	50.000	50.811	-1.6#	83	0.00
13 T	Acrolein	250.000	240.616	3.8	78	0.00
14 T	Allyl chloride	50.000	46.969	6.1	76	-0.01
15 T	Acrylonitrile	250.000	232.008	7.2	73	-0.01
16 T	Acetone	250.000	337.974	-35.2#	109	-0.01
17 T	Carbon Disulfide	50.000	48.517	3.0	80	-0.01
18 T	Methyl Acetate	50.000	44.232	11.5	72	0.00
19 T	Methyl tert-butyl Ether	50.000	48.451	3.1	76	0.00
20 T	Methylene Chloride	50.000	47.520	5.0	76	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.841	4.3	78	-0.01
22 T	Diisopropyl ether	50.000	48.515	3.0	75	0.00
23 T	Vinyl Acetate	250.000	251.261	-0.5	75	-0.01
24 P	1,1-Dichloroethane	50.000	47.481	5.0	78	0.00
25 T	2-Butanone	250.000	262.528	-5.0	81	-0.01
26 T	2,2-Dichloropropane	50.000	49.600	0.8	83	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.063	3.9	77	0.00
28 T	Bromochloromethane	50.000	50.522	-1.0	82	0.00
29 T	Tetrahydrofuran	250.000	241.535	3.4	73	0.00
30 C	Chloroform	50.000	48.108	3.8#	79	0.00
31 T	Cyclohexane	50.000	45.919	8.2	78	0.00
32 T	1,1,1-Trichloroethane	50.000	48.169	3.7	79	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.001	-0.0	81	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35 S	Dibromofluoromethane	50.000	55.972	-11.9	85	0.00
36 T	1,1-Dichloropropene	50.000	51.438	-2.9	79	0.00
37 T	Ethyl Acetate	50.000	49.651	0.7	74	0.00
38 T	Carbon Tetrachloride	50.000	52.445	-4.9	82	0.00
39 T	Methylcyclohexane	50.000	53.176	-6.4	81	0.00
40 TM	Benzene	50.000	49.700	0.6	77	0.00
41 T	Methacrylonitrile	50.000	54.902	-9.8	82	0.00
42 TM	1,2-Dichloroethane	50.000	50.866	-1.7	78	0.00
43 T	Isopropyl Acetate	50.000	50.624	-1.2	75	0.00
44 TM	Trichloroethene	50.000	50.945	-1.9	79	0.00
45 C	1,2-Dichloropropane	50.000	51.200	-2.4#	79	0.00
46 T	Dibromomethane	50.000	52.127	-4.3	80	0.00
47 T	Bromodichloromethane	50.000	51.816	-3.6	80	0.00
48 T	Methyl methacrylate	50.000	51.611	-3.2	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	966.150	3.4	67	-0.02
50 S	Toluene-d8	50.000	53.893	-7.8	83	0.00
51 T	4-Methyl-2-Pentanone	250.000	254.920	-2.0	74	0.00
52 CM	Toluene	50.000	50.412	-0.8#	77	0.00
53 T	t-1,3-Dichloropropene	50.000	51.699	-3.4	77	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.642	-3.3	78	0.00
55 T	1,1,2-Trichloroethane	50.000	51.588	-3.2	78	0.00
56 T	Ethyl methacrylate	50.000	52.506	-5.0	76	0.00
57 T	1,3-Dichloropropane	50.000	51.035	-2.1	78	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	272.271	-8.9	77	0.00
59 T	2-Hexanone	250.000	272.888	-9.2	78	0.00
60 T	Dibromochloromethane	50.000	52.847	-5.7	80	0.00
61 T	1,2-Dibromoethane	50.000	51.891	-3.8	78	0.00
62 S	4-Bromofluorobenzene	50.000	53.643	-7.3	82	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64 T	Tetrachloroethene	50.000	50.614	-1.2	79	0.00
65 PM	Chlorobenzene	50.000	50.938	-1.9	79	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.032	-4.1	80	0.00
67 C	Ethyl Benzene	50.000	51.475	-3.0#	78	0.00
68 T	m/p-Xylenes	100.000	103.655	-3.7	78	0.00
69 T	o-Xylene	50.000	51.506	-3.0	77	0.00
70 T	Styrene	50.000	52.307	-4.6	77	0.00
71 P	Bromoform	50.000	53.248	-6.5	80	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73 T	Isopropylbenzene	50.000	52.162	-4.3	79	0.00
74 T	N-amyl acetate	50.000	51.087	-2.2	75	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.286	-2.6	78	0.00
76 T	1,2,3-Trichloropropane	50.000	55.724	-11.4	86	0.00
77 T	Bromobenzene	50.000	50.957	-1.9	78	0.00
78 T	n-propylbenzene	50.000	52.284	-4.6	79	0.00
79 T	2-Chlorotoluene	50.000	51.481	-3.0	79	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.356	-4.7	79	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.468	-2.9	78	0.00
82 T	4-Chlorotoluene	50.000	51.559	-3.1	79	0.00
83 T	tert-Butylbenzene	50.000	51.127	-2.3	77	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.069	-4.1	78	0.00
85 T	sec-Butylbenzene	50.000	52.702	-5.4	81	0.00
86 T	p-Isopropyltoluene	50.000	52.764	-5.5	80	0.00
87 T	1,3-Dichlorobenzene	50.000	51.393	-2.8	80	0.00
88 T	1,4-Dichlorobenzene	50.000	50.448	-0.9	79	0.00
89 T	n-Butylbenzene	50.000	53.667	-7.3	82	0.00
90 T	Hexachloroethane	50.000	52.889	-5.8	84	0.00
91 T	1,2-Dichlorobenzene	50.000	51.504	-3.0	80	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.398	1.2	75	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.711	-7.4	82	0.00
94 T	Hexachlorobutadiene	50.000	55.724	-11.4	88	0.00
95 T	Naphthalene	50.000	52.053	-4.1	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.015	-8.0	82	0.00

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