

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015117.D
 Acq On : 15 Aug 2023 20:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 16 02:09:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 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	67	0.00
2 T	Dichlorodifluoromethane	50.000	59.406	-18.8	78	0.00
3 P	Chloromethane	50.000	59.316	-18.6	77	0.00
4 C	Vinyl Chloride	50.000	59.753	-19.5#	84	0.00
5 T	Bromomethane	50.000	56.444	-12.9	71	0.00
6 T	Chloroethane	50.000	64.267	-28.5#	87	0.00
7 T	Trichlorofluoromethane	50.000	57.600	-15.2	81	0.00
8 T	Diethyl Ether	50.000	62.657	-25.3#	86	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.732	-7.5	75	0.00
10 T	Methyl Iodide	50.000	47.552	4.9	60	0.00
11 T	Tert butyl alcohol	250.000	317.734	-27.1#	85	0.01
12 CM	1,1-Dichloroethene	50.000	57.688	-15.4#	79	0.00
13 T	Acrolein	250.000	-1.000	100.4#	0	0.01
14 T	Allyl chloride	50.000	40.598	18.8	55	0.00
15 T	Acrylonitrile	250.000	9.618	96.2#	3	0.07
16 T	Acetone	250.000	246.796	1.3	64	0.00
17 T	Carbon Disulfide	50.000	64.522	-29.0#	85	0.00
18 T	Methyl Acetate	50.000	269.506	-439.0#	361	0.00
19 T	Methyl tert-butyl Ether	50.000	60.677	-21.4	82	0.01
20 T	Methylene Chloride	50.000	74.509	-49.0#	95	0.00
21 T	trans-1,2-Dichloroethene	50.000	59.587	-19.2	81	0.01
22 T	Diisopropyl ether	50.000	55.921	-11.8	76	0.00
23 T	Vinyl Acetate	250.000	52.787	78.9#	14	0.07
24 P	1,1-Dichloroethane	50.000	57.666	-15.3	78	0.00
25 T	2-Butanone	250.000	146.890	41.2#	39	0.00
26 T	2,2-Dichloropropane	50.000	8.811	82.4#	12	0.01
27 T	cis-1,2-Dichloroethene	50.000	59.464	-18.9	81	0.00
28 T	Bromochloromethane	50.000	116.272	-132.5#	160	0.00
29 T	Tetrahydrofuran	250.000	302.848	-21.1	82	0.00
30 C	Chloroform	50.000	59.652	-19.3#	82	0.00
31 T	Cyclohexane	50.000	58.505	-17.0	76	0.01
32 T	1,1,1-Trichloroethane	50.000	58.317	-16.6	80	0.00
33 S	1,2-Dichloroethane-d4	50.000	64.855	-29.7#	86	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	71	0.00
35 S	Dibromofluoromethane	50.000	58.476	-17.0	81	0.00
36 T	1,1-Dichloropropene	50.000	54.068	-8.1	78	0.00
37 T	Ethyl Acetate	50.000	17.525	65.0#	26	0.00
38 T	Carbon Tetrachloride	50.000	54.241	-8.5	78	0.00
39 T	Methylcyclohexane	50.000	53.604	-7.2	77	0.00
40 TM	Benzene	50.000	56.183	-12.4	81	0.00
41 T	Methacrylonitrile	50.000	106.403	-112.8#	143	0.04
42 TM	1,2-Dichloroethane	50.000	57.800	-15.6	82	0.00
43 T	Isopropyl Acetate	50.000	30.592	38.8#	44	0.00
44 TM	Trichloroethene	50.000	70.492	-41.0#	102	0.00
45 C	1,2-Dichloropropane	50.000	55.522	-11.0#	80	0.00
46 T	Dibromomethane	50.000	60.546	-21.1	85	0.00
47 T	Bromodichloromethane	50.000	57.674	-15.3	82	0.00
48 T	Methyl methacrylate	50.000	72.181	-44.4#	100	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	1192.922	-19.3	83	0.00
50 S	Toluene-d8	50.000	58.987	-18.0	82	0.00
51 T	4-Methyl-2-Pentanone	250.000	234.784	6.1	66	0.00
52 CM	Toluene	50.000	56.285	-12.6#	81	0.00
53 T	t-1,3-Dichloropropene	50.000	30.642	38.7#	44	0.00
54 T	cis-1,3-Dichloropropene	50.000	32.849	34.3#	47	0.00
55 T	1,1,2-Trichloroethane	50.000	57.604	-15.2	83	0.00
56 T	Ethyl methacrylate	50.000	37.370	25.3#	52	0.00
57 T	1,3-Dichloropropane	50.000	58.332	-16.7	83	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	291.331	-16.5	85	0.00
59 T	2-Hexanone	250.000	146.571	41.4#	41	0.00
60 T	Dibromochloromethane	50.000	59.226	-18.5	83	0.00
61 T	1,2-Dibromoethane	50.000	59.121	-18.2	84	0.00
62 S	4-Bromofluorobenzene	50.000	58.148	-16.3	82	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	72	0.00
64 T	Tetrachloroethene	50.000	80.523	-61.0#	118	0.00
65 PM	Chlorobenzene	50.000	55.370	-10.7	81	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.950	-13.9	83	0.00
67 C	Ethyl Benzene	50.000	53.479	-7.0#	79	0.00
68 T	m/p-Xylenes	100.000	106.981	-7.0	78	0.00
69 T	o-Xylene	50.000	54.762	-9.5	80	0.00
70 T	Styrene	50.000	53.118	-6.2	77	0.00
71 P	Bromoform	50.000	58.910	-17.8	86	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	71	0.00
73 T	Isopropylbenzene	50.000	53.057	-6.1	78	0.00
74 T	N-amyl acetate	50.000	8.576	82.8#	12	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	43.248	13.5	62	0.00
76 T	1,2,3-Trichloropropane	50.000	58.497	-17.0	87	0.00
77 T	Bromobenzene	50.000	56.751	-13.5	83	0.00
78 T	n-propylbenzene	50.000	51.516	-3.0	76	0.00
79 T	2-Chlorotoluene	50.000	53.841	-7.7	79	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.255	-6.5	77	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	13.714	72.6#	19	0.00
82 T	4-Chlorotoluene	50.000	53.087	-6.2	77	0.00
83 T	tert-Butylbenzene	50.000	52.583	-5.2	76	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.760	-7.5	77	0.00
85 T	sec-Butylbenzene	50.000	51.924	-3.8	76	0.00
86 T	p-Isopropyltoluene	50.000	50.367	-0.7	73	0.00
87 T	1,3-Dichlorobenzene	50.000	53.805	-7.6	78	0.00
88 T	1,4-Dichlorobenzene	50.000	53.603	-7.2	78	0.00
89 T	n-Butylbenzene	50.000	46.065	7.9	66	0.00
90 T	Hexachloroethane	50.000	53.226	-6.5	78	0.00
91 T	1,2-Dichlorobenzene	50.000	56.402	-12.8	82	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	58.436	-16.9	84	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.575	-1.2	73	0.00
94 T	Hexachlorobutadiene	50.000	47.094	5.8	70	0.00
95 T	Naphthalene	50.000	57.770	-15.5	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.001	-10.0	80	0.00

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