

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032423\
 Data File : VY013083.D
 Acq On : 24 Mar 2023 17:16
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 25 03:36:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 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	84	0.00
2 T	Dichlorodifluoromethane	50.000	48.019	4.0	85	0.00
3 P	Chloromethane	50.000	42.048	15.9	77	0.00
4 C	Vinyl Chloride	50.000	48.451	3.1#	83	0.00
5 T	Bromomethane	50.000	50.378	-0.8	87	0.00
6 T	Chloroethane	50.000	51.992	-4.0	88	0.00
7 T	Trichlorofluoromethane	50.000	48.083	3.8	83	0.00
8 T	Diethyl Ether	50.000	42.149	15.7	71	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.923	2.2	84	0.00
10 T	Methyl Iodide	50.000	49.053	1.9	78	0.00
11 T	Tert butyl alcohol	250.000	171.173	31.5#	60	0.00
12 CM	1,1-Dichloroethene	50.000	46.955	6.1#	80	0.00
13 T	Acrolein	250.000	134.152	46.3#	46	0.00
14 T	Allyl chloride	50.000	44.754	10.5	75	0.00
15 T	Acrylonitrile	250.000	208.556	16.6	70	0.00
16 T	Acetone	250.000	219.331	12.3	68	0.00
17 T	Carbon Disulfide	50.000	45.788	8.4	78	0.00
18 T	Methyl Acetate	50.000	40.226	19.5	67	0.00
19 T	Methyl tert-butyl Ether	50.000	46.374	7.3	75	0.00
20 T	Methylene Chloride	50.000	55.699	-11.4	90	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.937	0.1	84	0.00
22 T	Diisopropyl ether	50.000	50.778	-1.6	83	0.00
23 T	Vinyl Acetate	250.000	234.078	6.4	75	0.00
24 P	1,1-Dichloroethane	50.000	50.637	-1.3	85	0.00
25 T	2-Butanone	250.000	209.472	16.2	67	0.00
26 T	2,2-Dichloropropane	50.000	50.327	-0.7	87	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.384	-2.8	85	0.00
28 T	Bromochloromethane	50.000	45.747	8.5	75	0.00
29 T	Tetrahydrofuran	250.000	211.914	15.2	68	0.00
30 C	Chloroform	50.000	53.232	-6.5#	89	0.00
31 T	Cyclohexane	50.000	48.307	3.4	84	0.00
32 T	1,1,1-Trichloroethane	50.000	51.438	-2.9	87	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.929	-5.9	90	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35 S	Dibromofluoromethane	50.000	61.390	-22.8	99	0.00
36 T	1,1-Dichloropropene	50.000	52.820	-5.6	85	0.00
37 T	Ethyl Acetate	50.000	43.631	12.7	72	0.00
38 T	Carbon Tetrachloride	50.000	55.387	-10.8	89	0.00
39 T	Methylcyclohexane	50.000	53.098	-6.2	83	0.00
40 TM	Benzene	50.000	53.063	-6.1	85	0.00
41 T	Methacrylonitrile	50.000	45.178	9.6	72	0.00
42 TM	1,2-Dichloroethane	50.000	52.000	-4.0	83	0.00
43 T	Isopropyl Acetate	50.000	44.949	10.1	71	0.00
44 TM	Trichloroethene	50.000	53.647	-7.3	86	0.00
45 C	1,2-Dichloropropane	50.000	53.609	-7.2#	87	0.00
46 T	Dibromomethane	50.000	51.628	-3.3	82	0.00
47 T	Bromodichloromethane	50.000	53.954	-7.9	86	0.00
48 T	Methyl methacrylate	50.000	46.991	6.0	71	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	927.124	7.3	73	0.00
50 S	Toluene-d8	50.000	53.283	-6.6	87	0.00
51 T	4-Methyl-2-Pentanone	250.000	245.561	1.8	75	0.00
52 CM	Toluene	50.000	54.817	-9.6#	87	0.00
53 T	t-1,3-Dichloropropene	50.000	51.646	-3.3	81	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.449	-6.9	84	0.00
55 T	1,1,2-Trichloroethane	50.000	51.334	-2.7	83	0.00
56 T	Ethyl methacrylate	50.000	50.202	-0.4	75	0.00
57 T	1,3-Dichloropropane	50.000	52.216	-4.4	83	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	238.461	4.6	72	0.00
59 T	2-Hexanone	250.000	243.102	2.8	73	0.00
60 T	Dibromochloromethane	50.000	50.372	-0.7	81	0.00
61 T	1,2-Dibromoethane	50.000	48.904	2.2	78	0.00
62 S	4-Bromofluorobenzene	50.000	62.029	-24.1	101	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	80	0.00
64 T	Tetrachloroethene	50.000	54.987	-10.0	87	0.00
65 PM	Chlorobenzene	50.000	53.707	-7.4	84	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.151	-8.3	86	0.00
67 C	Ethyl Benzene	50.000	55.793	-11.6#	86	0.00
68 T	m/p-Xylenes	100.000	112.583	-12.6	87	0.00
69 T	o-Xylene	50.000	55.876	-11.8	87	0.00
70 T	Styrene	50.000	57.460	-14.9	87	0.00
71 P	Bromoform	50.000	52.298	-4.6	83	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73 T	Isopropylbenzene	50.000	51.135	-2.3	88	0.00
74 T	N-ethyl acetate	50.000	43.907	12.2	75	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.821	8.4	81	0.00
76 T	1,2,3-Trichloropropane	50.000	47.214	5.6	83	0.00
77 T	Bromobenzene	50.000	49.675	0.7	88	0.00
78 T	n-propylbenzene	50.000	51.838	-3.7	89	0.00
79 T	2-Chlorotoluene	50.000	50.801	-1.6	88	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.241	-2.5	89	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.224	13.6	75	0.00
82 T	4-Chlorotoluene	50.000	51.177	-2.4	89	0.00
83 T	tert-Butylbenzene	50.000	51.861	-3.7	88	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.874	-3.7	89	0.00
85 T	sec-Butylbenzene	50.000	51.809	-3.6	90	0.00
86 T	p-Isopropyltoluene	50.000	51.983	-4.0	89	0.00
87 T	1,3-Dichlorobenzene	50.000	51.225	-2.5	90	0.00
88 T	1,4-Dichlorobenzene	50.000	49.402	1.2	88	0.00
89 T	n-Butylbenzene	50.000	51.926	-3.9	90	0.00
90 T	Hexachloroethane	50.000	51.189	-2.4	92	0.00
91 T	1,2-Dichlorobenzene	50.000	50.594	-1.2	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.829	10.3	77	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.208	3.6	83	0.00
94 T	Hexachlorobutadiene	50.000	50.493	-1.0	92	0.00
95 T	Naphthalene	50.000	46.164	7.7	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.956	4.1	83	0.00

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