

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031323\
 Data File : VY012930.D
 Acq On : 13 Mar 2023 17:06
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 14 01:27:44 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	80	0.00
2 T	Dichlorodifluoromethane	50.000	46.456	7.1	79	0.00
3 P	Chloromethane	50.000	43.160	13.7	75	0.00
4 C	Vinyl Chloride	50.000	47.295	5.4#	78	0.00
5 T	Bromomethane	50.000	49.352	1.3	82	0.00
6 T	Chloroethane	50.000	51.911	-3.8	84	0.00
7 T	Trichlorofluoromethane	50.000	52.943	-5.9	88	0.00
8 T	Diethyl Ether	50.000	52.327	-4.7	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.009	-6.0	87	0.00
10 T	Methyl Iodide	50.000	52.095	-4.2	79	0.00
11 T	Tert butyl alcohol	250.000	302.420	-21.0	97	0.00
12 CM	1,1-Dichloroethene	50.000	51.647	-3.3#	84	0.00
13 T	Acrolein	250.000	177.732	28.9#	58	0.00
14 T	Allyl chloride	50.000	47.264	5.5	76	0.00
15 T	Acrylonitrile	250.000	284.062	-13.6	91	0.00
16 T	Acetone	250.000	295.881	-18.4	88	0.00
17 T	Carbon Disulfide	50.000	46.799	6.4	76	0.00
18 T	Methyl Acetate	50.000	51.889	-3.8	83	0.00
19 T	Methyl tert-butyl Ether	50.000	56.833	-13.7	89	0.00
20 T	Methylene Chloride	50.000	56.238	-12.5	87	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.297	-4.6	84	0.00
22 T	Diisopropyl ether	50.000	53.069	-6.1	83	0.00
23 T	Vinyl Acetate	250.000	276.203	-10.5	85	0.00
24 P	1,1-Dichloroethane	50.000	52.201	-4.4	84	0.00
25 T	2-Butanone	250.000	290.196	-16.1	89	0.00
26 T	2,2-Dichloropropane	50.000	53.302	-6.6	88	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.392	-10.8	87	0.00
28 T	Bromochloromethane	50.000	51.917	-3.8	82	0.00
29 T	Tetrahydrofuran	250.000	290.932	-16.4	90	0.00
30 C	Chloroform	50.000	55.981	-12.0#	90	0.00
31 T	Cyclohexane	50.000	47.173	5.7	78	0.00
32 T	1,1,1-Trichloroethane	50.000	54.817	-9.6	88	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.991	8.0	75	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35 S	Dibromofluoromethane	50.000	49.647	0.7	77	0.00
36 T	1,1-Dichloropropene	50.000	54.476	-9.0	84	0.00
37 T	Ethyl Acetate	50.000	58.570	-17.1	93	0.00
38 T	Carbon Tetrachloride	50.000	57.775	-15.5	88	0.00
39 T	Methylcyclohexane	50.000	54.657	-9.3	81	0.00
40 TM	Benzene	50.000	56.079	-12.2	86	0.00
41 T	Methacrylonitrile	50.000	50.132	-0.3	76	0.00
42 TM	1,2-Dichloroethane	50.000	58.770	-17.5	89	0.00
43 T	Isopropyl Acetate	50.000	58.195	-16.4	87	0.00
44 TM	Trichloroethene	50.000	57.003	-14.0	87	0.00
45 C	1,2-Dichloropropane	50.000	55.397	-10.8#	86	0.00
46 T	Dibromomethane	50.000	59.963	-19.9	91	0.00
47 T	Bromodichloromethane	50.000	58.938	-17.9	90	0.00
48 T	Methyl methacrylate	50.000	60.284	-20.6	87	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	1341.478	-34.1#	100	0.00
50 S	Toluene-d8	50.000	46.216	7.6	72	0.00
51 T	4-Methyl-2-Pentanone	250.000	311.719	-24.7	91	0.00
52 CM	Toluene	50.000	57.876	-15.8#	87	0.00
53 T	t-1,3-Dichloropropene	50.000	59.795	-19.6	90	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.985	-16.0	87	0.00
55 T	1,1,2-Trichloroethane	50.000	59.816	-19.6	92	0.00
56 T	Ethyl methacrylate	50.000	62.744	-25.5#	90	0.00
57 T	1,3-Dichloropropane	50.000	59.441	-18.9	90	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	289.653	-15.9	84	0.00
59 T	2-Hexanone	250.000	320.900	-28.4#	92	0.00
60 T	Dibromochloromethane	50.000	61.191	-22.4	94	0.00
61 T	1,2-Dibromoethane	50.000	59.417	-18.8	91	0.00
62 S	4-Bromofluorobenzene	50.000	50.377	-0.8	78	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	80	0.00
64 T	Tetrachloroethene	50.000	55.810	-11.6	89	0.00
65 PM	Chlorobenzene	50.000	55.715	-11.4	88	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	58.675	-17.3	93	0.00
67 C	Ethyl Benzene	50.000	56.647	-13.3#	88	0.00
68 T	m/p-Xylenes	100.000	114.648	-14.6	88	0.00
69 T	o-Xylene	50.000	57.446	-14.9	90	0.00
70 T	Styrene	50.000	59.190	-18.4	90	0.00
71 P	Bromoform	50.000	60.843	-21.7	97	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73 T	Isopropylbenzene	50.000	55.069	-10.1	90	0.00
74 T	N-amyl acetate	50.000	54.427	-8.9	88	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	56.518	-13.0	95	0.00
76 T	1,2,3-Trichloropropane	50.000	46.581	6.8	78	0.00
77 T	Bromobenzene	50.000	55.073	-10.1	92	0.00
78 T	n-propylbenzene	50.000	54.966	-9.9	90	0.00
79 T	2-Chlorotoluene	50.000	54.152	-8.3	89	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.313	-10.6	91	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	57.118	-14.2	94	0.00
82 T	4-Chlorotoluene	50.000	54.999	-10.0	91	0.00
83 T	tert-Butylbenzene	50.000	56.782	-13.6	92	0.00
84 T	1,2,4-Trimethylbenzene	50.000	56.079	-12.2	91	0.00
85 T	sec-Butylbenzene	50.000	55.429	-10.9	91	0.00
86 T	p-Isopropyltoluene	50.000	56.031	-12.1	91	0.00
87 T	1,3-Dichlorobenzene	50.000	56.079	-12.2	94	0.00
88 T	1,4-Dichlorobenzene	50.000	54.296	-8.6	91	0.00
89 T	n-Butylbenzene	50.000	55.367	-10.7	90	0.00
90 T	Hexachloroethane	50.000	53.883	-7.8	92	0.00
91 T	1,2-Dichlorobenzene	50.000	56.146	-12.3	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.730	-15.5	93	0.00
93 T	1,2,4-Trichlorobenzene	50.000	56.460	-12.9	92	0.00
94 T	Hexachlorobutadiene	50.000	54.721	-9.4	94	0.00
95 T	Naphthalene	50.000	60.367	-20.7	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.788	-13.6	94	0.00

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