

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
 Data File : VY013380.D
 Acq On : 20 Apr 2023 19:54
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 21 02:16:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 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	43	0.00
2 T	Dichlorodifluoromethane	50.000	79.785	-59.6#	71	0.00
3 P	Chloromethane	50.000	89.009	-78.0#	80	0.00
4 C	Vinyl Chloride	50.000	98.624	-97.2#	88	0.00
5 T	Bromomethane	50.000	91.878	-83.8#	85	0.00
6 T	Chloroethane	50.000	92.840	-85.7#	85	0.00
7 T	Trichlorofluoromethane	50.000	109.073	-118.1#	99	0.00
8 T	Diethyl Ether	50.000	111.359	-122.7#	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	110.041	-120.1#	98	0.00
10 T	Methyl Iodide	50.000	116.616	-133.2#	96	0.00
11 T	Tert butyl alcohol	250.000	255.791	-2.3	42	0.01
12 CM	1,1-Dichloroethene	50.000	108.541	-117.1#	96	0.00
13 T	Acrolein	250.000	527.116	-110.8#	91	0.00
14 T	Allyl chloride	50.000	65.737	-31.5#	58	0.00
15 T	Acrylonitrile	250.000	191.358	23.5	32	0.00
16 T	Acetone	250.000	478.263	-91.3#	80	0.00
17 T	Carbon Disulfide	50.000	95.624	-91.2#	85	0.00
18 T	Methyl Acetate	50.000	76.970	-53.9#	65	0.00
19 T	Methyl tert-butyl Ether	50.000	59.135	-18.3	50	0.00
20 T	Methylene Chloride	50.000	59.914	-19.8	52	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.528	8.9	40	0.00
22 T	Diisopropyl ether	50.000	32.146	35.7#	27	0.00
23 T	Vinyl Acetate	250.000	222.785	10.9	37	0.00
24 P	1,1-Dichloroethane	50.000	44.968	10.1	40	0.00
25 T	2-Butanone	250.000	157.974	36.8#	26	0.00
26 T	2,2-Dichloropropane	50.000	57.225	-14.5	52	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.599	2.8	42	0.00
28 T	Bromochloromethane	50.000	33.283	33.4#	29	0.01
29 T	Tetrahydrofuran	250.000	131.798	47.3#	21	0.00
30 C	Chloroform	50.000	56.734	-13.5#	51	0.00
31 T	Cyclohexane	50.000	23.857	52.3#	22	0.00
32 T	1,1,1-Trichloroethane	50.000	67.025	-34.1#	61	0.00
33 S	1,2-Dichloroethane-d4	50.000	57.635	-15.3	50	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	41	0.00
35 S	Dibromofluoromethane	50.000	50.947	-1.9	43	0.00
36 T	1,1-Dichloropropene	50.000	38.158	23.7	33	0.00
37 T	Ethyl Acetate	50.000	34.850	30.3#	28	0.00
38 T	Carbon Tetrachloride	50.000	69.844	-39.7#	61	0.00
39 T	Methylcyclohexane	50.000	76.495	-53.0#	63	0.00
40 TM	Benzene	50.000	39.354	21.3	34	0.00
41 T	Methacrylonitrile	50.000	57.578	-15.2	48	0.00
42 TM	1,2-Dichloroethane	50.000	66.970	-33.9#	57	0.00
43 T	Isopropyl Acetate	50.000	40.178	19.6	33	0.00
44 TM	Trichloroethene	50.000	65.446	-30.9#	57	0.00
45 C	1,2-Dichloropropane	50.000	45.524	9.0#	39	0.00
46 T	Dibromomethane	50.000	57.521	-15.0	48	0.00
47 T	Bromodichloromethane	50.000	64.053	-28.1#	56	0.00
48 T	Methyl methacrylate	50.000	45.853	8.3	36	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	704.663	29.5#	29	0.00
50 S	Toluene-d8	50.000	54.640	-9.3	45	0.00
51 T	4-Methyl-2-Pentanone	250.000	242.451	3.0	38	0.00
52 CM	Toluene	50.000	56.202	-12.4#	48	0.00
53 T	t-1,3-Dichloropropene	50.000	85.980	-72.0#	72	0.00
54 T	cis-1,3-Dichloropropene	50.000	60.496	-21.0	51	0.00
55 T	1,1,2-Trichloroethane	50.000	55.782	-11.6	48	0.00
56 T	Ethyl methacrylate	50.000	59.126	-18.3	46	0.00
57 T	1,3-Dichloropropane	50.000	69.135	-38.3#	58	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	325.092	-30.0#	55	0.00
59 T	2-Hexanone	250.000	234.759	6.1	36	0.00
60 T	Dibromochloromethane	50.000	115.320	-130.6#	98	0.00
61 T	1,2-Dibromoethane	50.000	74.841	-49.7#	62	0.01
62 S	4-Bromofluorobenzene	50.000	116.419	-132.8#	95	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	51	0.00
64 T	Tetrachloroethene	50.000	74.658	-49.3#	80	0.00
65 PM	Chlorobenzene	50.000	53.798	-7.6	58	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	63.200	-26.4#	66	0.00
67 C	Ethyl Benzene	50.000	53.385	-6.8#	55	0.00
68 T	m/p-Xylenes	100.000	109.128	-9.1	57	0.00
69 T	o-Xylene	50.000	54.729	-9.5	56	0.00
70 T	Styrene	50.000	54.914	-9.8	56	0.00
71 P	Bromoform	50.000	74.321	-48.6#	76	0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73 T	Isopropylbenzene	50.000	38.749	22.5	70	0.00
74 T	N-amyl acetate	50.000	20.311	59.4#	35	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	57.302	-14.6	104	0.00
76 T	1,2,3-Trichloropropane	50.000	56.539	-13.1	103	0.00
77 T	Bromobenzene	50.000	57.766	-15.5	104	0.00
78 T	n-propylbenzene	50.000	53.603	-7.2	95	0.00
79 T	2-Chlorotoluene	50.000	53.725	-7.5	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.402	-10.8	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.954	12.1	77	0.00
82 T	4-Chlorotoluene	50.000	52.948	-5.9	96	0.00
83 T	tert-Butylbenzene	50.000	56.750	-13.5	101	0.00
84 T	1,2,4-Trimethylbenzene	50.000	56.076	-12.2	99	0.00
85 T	sec-Butylbenzene	50.000	53.600	-7.2	96	0.00
86 T	p-Isopropyltoluene	50.000	54.563	-9.1	97	0.00
87 T	1,3-Dichlorobenzene	50.000	54.617	-9.2	101	0.00
88 T	1,4-Dichlorobenzene	50.000	53.917	-7.8	100	0.00
89 T	n-Butylbenzene	50.000	50.808	-1.6	91	0.00
90 T	Hexachloroethane	50.000	31.754	36.5#	60	0.00
91 T	1,2-Dichlorobenzene	50.000	54.150	-8.3	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	39.627	20.7	70	0.00
93 T	1,2,4-Trichlorobenzene	50.000	40.771	18.5	73	0.00
94 T	Hexachlorobutadiene	50.000	40.863	18.3	76	0.00
95 T	Naphthalene	50.000	35.241	29.5#	65	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	61.468	-22.9	111	0.00

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