

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\YV100622\
 Data File : VY010856.D
 Acq On : 06 Oct 2022 19:31
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 07 02:31:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 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	79	0.00
2 T	Dichlorodifluoromethane	50.000	47.972	4.1	75	0.00
3 P	Chloromethane	50.000	51.433	-2.9	82	0.00
4 C	Vinyl Chloride	50.000	47.195	5.6#	74	0.00
5 T	Bromomethane	50.000	45.786	8.4	77	0.00
6 T	Chloroethane	50.000	48.629	2.7	77	0.00
7 T	Trichlorofluoromethane	50.000	50.104	-0.2	81	0.00
8 T	Diethyl Ether	50.000	58.672	-17.3	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.125	-4.3	83	0.00
10 T	Methyl Iodide	50.000	51.880	-3.8	78	0.00
11 T	Tert butyl alcohol	250.000	266.951	-6.8	83	0.00
12 CM	1,1-Dichloroethene	50.000	52.028	-4.1#	83	0.00
13 T	Acrolein	250.000	201.258	19.5	67	0.00
14 T	Allyl chloride	50.000	58.798	-17.6	92	0.00
15 T	Acrylonitrile	250.000	313.351	-25.3#	100	0.00
16 T	Acetone	250.000	233.086	6.8	67	0.00
17 T	Carbon Disulfide	50.000	52.313	-4.6	83	0.00
18 T	Methyl Acetate	50.000	60.848	-21.7	103	0.00
19 T	Methyl tert-butyl Ether	50.000	57.335	-14.7	90	0.00
20 T	Methylene Chloride	50.000	61.192	-22.4	94	-0.01
21 T	trans-1,2-Dichloroethene	50.000	53.863	-7.7	86	0.00
22 T	Diisopropyl ether	50.000	60.445	-20.9	94	0.00
23 T	Vinyl Acetate	250.000	305.654	-22.3	94	0.00
24 P	1,1-Dichloroethane	50.000	57.192	-14.4	91	0.00
25 T	2-Butanone	250.000	270.588	-8.2	82	0.00
26 T	2,2-Dichloropropane	50.000	48.982	2.0	80	0.00
27 T	cis-1,2-Dichloroethene	50.000	56.422	-12.8	89	0.00
28 T	Bromochloromethane	50.000	62.356	-24.7	98	0.00
29 T	Tetrahydrofuran	250.000	309.833	-23.9	98	0.00
30 C	Chloroform	50.000	56.918	-13.8#	90	0.00
31 T	Cyclohexane	50.000	49.612	0.8	81	0.00
32 T	1,1,1-Trichloroethane	50.000	52.982	-6.0	84	0.00
33 S	1,2-Dichloroethane-d4	50.000	57.491	-15.0	88	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35 S	Dibromofluoromethane	50.000	50.522	-1.0	88	0.00
36 T	1,1-Dichloropropene	50.000	51.662	-3.3	83	0.00
37 T	Ethyl Acetate	50.000	60.147	-20.3	97	0.00
38 T	Carbon Tetrachloride	50.000	50.524	-1.0	82	0.00
39 T	Methylcyclohexane	50.000	49.960	0.1	78	0.00
40 TM	Benzene	50.000	54.689	-9.4	89	0.00
41 T	Methacrylonitrile	50.000	50.086	-0.2	90	0.00
42 TM	1,2-Dichloroethane	50.000	56.059	-12.1	91	0.00
43 T	Isopropyl Acetate	50.000	57.693	-15.4	93	0.00
44 TM	Trichloroethene	50.000	52.236	-4.5	84	0.00
45 C	1,2-Dichloropropane	50.000	57.718	-15.4#	93	0.00
46 T	Dibromomethane	50.000	57.229	-14.5	93	0.00
47 T	Bromodichloromethane	50.000	56.916	-13.8	92	0.00
48 T	Methyl methacrylate	50.000	56.986	-14.0	90	0.00

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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)
49 T	1,4-Dioxane	1000.000	1182.850	-18.3	91	0.00
50 S	Toluene-d8	50.000	56.982	-14.0	84	0.00
51 T	4-Methyl-2-Pentanone	250.000	301.464	-20.6	95	0.00
52 CM	Toluene	50.000	53.561	-7.1#	85	0.00
53 T	t-1,3-Dichloropropene	50.000	55.627	-11.3	88	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.985	-12.0	89	0.00
55 T	1,1,2-Trichloroethane	50.000	56.135	-12.3	92	0.00
56 T	Ethyl methacrylate	50.000	58.540	-17.1	91	0.00
57 T	1,3-Dichloropropane	50.000	57.679	-15.4	93	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	286.518	-14.6	95	0.00
59 T	2-Hexanone	250.000	292.498	-17.0	87	0.00
60 T	Dibromochloromethane	50.000	56.560	-13.1	90	0.00
61 T	1,2-Dibromoethane	50.000	56.211	-12.4	91	0.00
62 S	4-Bromofluorobenzene	50.000	48.594	2.8	84	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64 T	Tetrachloroethene	50.000	51.313	-2.6	85	0.00
65 PM	Chlorobenzene	50.000	52.484	-5.0	87	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.656	-7.3	88	0.00
67 C	Ethyl Benzene	50.000	52.898	-5.8#	85	0.00
68 T	m/p-Xylenes	100.000	103.466	-3.5	83	0.00
69 T	o-Xylene	50.000	52.906	-5.8	85	0.00
70 T	Styrene	50.000	54.056	-8.1	86	0.00
71 P	Bromoform	50.000	54.086	-8.2	88	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73 T	Isopropylbenzene	50.000	51.750	-3.5	83	0.00
74 T	N-ethyl acetate	50.000	55.168	-10.3	86	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.945	-9.9	93	0.00
76 T	1,2,3-Trichloropropane	50.000	53.430	-6.9	87	0.00
77 T	Bromobenzene	50.000	52.890	-5.8	87	0.00
78 T	n-propylbenzene	50.000	51.967	-3.9	83	0.00
79 T	2-Chlorotoluene	50.000	52.494	-5.0	85	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.746	-3.5	83	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.096	-6.2	87	0.00
82 T	4-Chlorotoluene	50.000	51.784	-3.6	84	0.00
83 T	tert-Butylbenzene	50.000	52.187	-4.4	83	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.639	-5.3	83	0.00
85 T	sec-Butylbenzene	50.000	51.052	-2.1	81	0.00
86 T	p-Isopropyltoluene	50.000	51.793	-3.6	82	0.00
87 T	1,3-Dichlorobenzene	50.000	52.044	-4.1	85	0.00
88 T	1,4-Dichlorobenzene	50.000	51.514	-3.0	84	0.00
89 T	n-Butylbenzene	50.000	51.918	-3.8	81	0.00
90 T	Hexachloroethane	50.000	51.684	-3.4	85	0.00
91 T	1,2-Dichlorobenzene	50.000	53.090	-6.2	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.045	-4.1	87	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.477	-3.0	84	0.00
94 T	Hexachlorobutadiene	50.000	48.203	3.6	81	0.00
95 T	Naphthalene	50.000	54.436	-8.9	87	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.347	-4.7	85	0.00

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