

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016803.D
 Acq On : 22 Dec 2023 12:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 22 23:17:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 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	83	0.01
2 T	Dichlorodifluoromethane	50.000	44.523	11.0	89	0.00
3 P	Chloromethane	50.000	53.240	-6.5	106	0.00
4 C	Vinyl Chloride	50.000	51.017	-2.0#	97	0.00
5 T	Bromomethane	50.000	52.949	-5.9	106	0.01
6 T	Chloroethane	50.000	51.164	-2.3	99	0.00
7 T	Trichlorofluoromethane	50.000	49.250	1.5	94	0.01
8 T	Diethyl Ether	50.000	51.922	-3.8	96	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.062	-0.1	95	0.02
10 T	Methyl Iodide	50.000	47.129	5.7	84	0.02
11 T	Tert butyl alcohol	250.000	206.576	17.4	78	0.04
12 CM	1,1-Dichloroethene	50.000	51.192	-2.4#	95	0.01
13 T	Acrolein	250.000	227.541	9.0	72	0.02
14 T	Allyl chloride	50.000	54.681	-9.4	99	0.01
15 T	Acrylonitrile	250.000	273.088	-9.2	95	0.02
16 T	Acetone	250.000	232.740	6.9	97	0.02
17 T	Carbon Disulfide	50.000	52.809	-5.6	95	0.01
18 T	Methyl Acetate	50.000	59.769	-19.5	95	0.01
19 T	Methyl tert-butyl Ether	50.000	51.898	-3.8	94	0.02
20 T	Methylene Chloride	50.000	47.380	5.2	93	0.01
21 T	trans-1,2-Dichloroethene	50.000	53.765	-7.5	98	0.01
22 T	Diisopropyl ether	50.000	56.914	-13.8	103	0.02
23 T	Vinyl Acetate	250.000	268.235	-7.3	97	0.01
24 P	1,1-Dichloroethane	50.000	54.498	-9.0	100	0.02
25 T	2-Butanone	250.000	243.311	2.7	94	0.02
26 T	2,2-Dichloropropane	50.000	52.284	-4.6	99	0.01
27 T	cis-1,2-Dichloroethene	50.000	54.127	-8.3	98	0.01
28 T	Bromochloromethane	50.000	59.744	-19.5	89	0.00
29 T	Tetrahydrofuran	250.000	277.078	-10.8	94	0.01
30 C	Chloroform	50.000	54.019	-8.0#	100	0.01
31 T	Cyclohexane	50.000	49.940	0.1	96	0.00
32 T	1,1,1-Trichloroethane	50.000	52.079	-4.2	97	0.01
33 S	1,2-Dichloroethane-d4	50.000	59.526	-19.1	86	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35 S	Dibromofluoromethane	50.000	58.906	-17.8	87	0.01
36 T	1,1-Dichloropropene	50.000	51.661	-3.3	97	0.01
37 T	Ethyl Acetate	50.000	52.676	-5.4	93	0.01
38 T	Carbon Tetrachloride	50.000	50.843	-1.7	96	0.00
39 T	Methylcyclohexane	50.000	52.879	-5.8	97	0.01
40 TM	Benzene	50.000	53.565	-7.1	100	0.01
41 T	Methacrylonitrile	50.000	60.079	-20.2	97	0.02
42 TM	1,2-Dichloroethane	50.000	53.632	-7.3	98	0.00
43 T	Isopropyl Acetate	50.000	53.012	-6.0	96	0.01
44 TM	Trichloroethene	50.000	51.808	-3.6	98	0.01
45 C	1,2-Dichloropropane	50.000	54.350	-8.7#	102	0.00
46 T	Dibromomethane	50.000	52.861	-5.7	98	0.01
47 T	Bromodichloromethane	50.000	53.218	-6.4	100	0.00
48 T	Methyl methacrylate	50.000	55.524	-11.0	98	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1034.982	-3.5	92	0.01
50 S	Toluene-d8	50.000	60.081	-20.2	87	0.00
51 T	4-Methyl-2-Pentanone	250.000	274.917	-10.0	97	0.00
52 CM	Toluene	50.000	54.281	-8.6#	99	0.01
53 T	t-1,3-Dichloropropene	50.000	54.049	-8.1	98	0.01
54 T	cis-1,3-Dichloropropene	50.000	53.846	-7.7	99	0.00
55 T	1,1,2-Trichloroethane	50.000	52.826	-5.7	98	0.01
56 T	Ethyl methacrylate	50.000	54.145	-8.3	94	0.00
57 T	1,3-Dichloropropane	50.000	53.331	-6.7	97	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	286.658	-14.7	71	0.01
59 T	2-Hexanone	250.000	256.437	-2.6	96	0.00
60 T	Dibromochloromethane	50.000	53.455	-6.9	99	0.00
61 T	1,2-Dibromoethane	50.000	53.562	-7.1	98	0.01
62 S	4-Bromofluorobenzene	50.000	59.618	-19.2	88	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64 T	Tetrachloroethene	50.000	51.300	-2.6	98	0.01
65 PM	Chlorobenzene	50.000	52.771	-5.5	100	0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	51.943	-3.9	99	0.01
67 C	Ethyl Benzene	50.000	53.506	-7.0#	101	0.01
68 T	m/p-Xylenes	100.000	108.242	-8.2	101	0.01
69 T	o-Xylene	50.000	54.156	-8.3	100	0.01
70 T	Styrene	50.000	54.669	-9.3	100	0.01
71 P	Bromoform	50.000	51.336	-2.7	95	0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.01
73 T	Isopropylbenzene	50.000	53.076	-6.2	100	0.01
74 T	N-ethyl acetate	50.000	51.554	-3.1	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.821	-3.6	100	0.00
76 T	1,2,3-Trichloropropane	50.000	51.120	-2.2	110	0.01
77 T	Bromobenzene	50.000	51.423	-2.8	99	0.01
78 T	n-propylbenzene	50.000	53.563	-7.1	101	0.01
79 T	2-Chlorotoluene	50.000	52.654	-5.3	100	0.01
80 T	1,3,5-Trimethylbenzene	50.000	53.703	-7.4	101	0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	49.848	0.3	95	0.01
82 T	4-Chlorotoluene	50.000	52.532	-5.1	100	0.01
83 T	tert-Butylbenzene	50.000	52.752	-5.5	98	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.691	-7.4	100	0.01
85 T	sec-Butylbenzene	50.000	53.578	-7.2	101	0.01
86 T	p-Isopropyltoluene	50.000	54.099	-8.2	101	0.00
87 T	1,3-Dichlorobenzene	50.000	51.563	-3.1	101	0.01
88 T	1,4-Dichlorobenzene	50.000	51.379	-2.8	99	0.01
89 T	n-Butylbenzene	50.000	54.589	-9.2	101	0.01
90 T	Hexachloroethane	50.000	51.798	-3.6	102	0.01
91 T	1,2-Dichlorobenzene	50.000	51.663	-3.3	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.227	3.5	93	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.733	-3.5	96	0.00
94 T	Hexachlorobutadiene	50.000	51.126	-2.3	97	0.01
95 T	Naphthalene	50.000	45.736	8.5	93	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.833	-1.7	92	0.01

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