

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014023.D
 Acq On : 06 Jun 2023 11:32
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 07 01:35:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 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	91	0.00
2 T	Dichlorodifluoromethane	50.000	52.141	-4.3	91	0.00
3 P	Chloromethane	50.000	47.913	4.2	87	0.00
4 C	Vinyl Chloride	50.000	51.506	-3.0#	91	0.00
5 T	Bromomethane	50.000	42.792	14.4	87	0.00
6 T	Chloroethane	50.000	46.281	7.4	88	0.00
7 T	Trichlorofluoromethane	50.000	55.795	-11.6	99	0.00
8 T	Diethyl Ether	50.000	45.827	8.3	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	59.516	-19.0	103	0.00
10 T	Methyl Iodide	50.000	49.292	1.4	82	0.00
11 T	Tert butyl alcohol	250.000	108.325	56.7#	66	0.00
12 CM	1,1-Dichloroethene	50.000	53.005	-6.0#	94	0.00
13 T	Acrolein	250.000	124.863	50.1#	54	0.00
14 T	Allyl chloride	50.000	51.008	-2.0	90	0.00
15 T	Acrylonitrile	250.000	220.284	11.9	82	0.00
16 T	Acetone	250.000	208.087	16.8	70	0.00
17 T	Carbon Disulfide	50.000	43.983	12.0	79	0.00
18 T	Methyl Acetate	50.000	41.178	17.6	77	0.00
19 T	Methyl tert-butyl Ether	50.000	49.867	0.3	89	0.01
20 T	Methylene Chloride	50.000	51.502	-3.0	91	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.386	-8.8	97	0.00
22 T	Diisopropyl ether	50.000	53.817	-7.6	94	0.00
23 T	Vinyl Acetate	250.000	238.163	4.7	84	0.00
24 P	1,1-Dichloroethane	50.000	53.820	-7.6	97	0.00
25 T	2-Butanone	250.000	199.393	20.2	72	0.00
26 T	2,2-Dichloropropane	50.000	54.288	-8.6	99	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.010	-4.0	93	0.00
28 T	Bromochloromethane	50.000	46.296	7.4	84	0.00
29 T	Tetrahydrofuran	250.000	192.358	23.1	71	0.00
30 C	Chloroform	50.000	54.663	-9.3#	98	0.00
31 T	Cyclohexane	50.000	51.122	-2.2	94	0.00
32 T	1,1,1-Trichloroethane	50.000	57.314	-14.6	100	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.944	10.1	82	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35 S	Dibromofluoromethane	50.000	53.065	-6.1	88	0.00
36 T	1,1-Dichloropropene	50.000	57.847	-15.7	96	0.00
37 T	Ethyl Acetate	50.000	40.741	18.5	73	0.00
38 T	Carbon Tetrachloride	50.000	60.253	-20.5	101	0.00
39 T	Methylcyclohexane	50.000	59.385	-18.8	95	0.00
40 TM	Benzene	50.000	55.279	-10.6	94	0.00
41 T	Methacrylonitrile	50.000	45.696	8.6	86	0.01
42 TM	1,2-Dichloroethane	50.000	51.526	-3.1	89	0.00
43 T	Isopropyl Acetate	50.000	44.756	10.5	78	0.00
44 TM	Trichloroethene	50.000	55.414	-10.8	94	0.00
45 C	1,2-Dichloropropane	50.000	55.259	-10.5#	94	0.00
46 T	Dibromomethane	50.000	50.464	-0.9	87	0.00
47 T	Bromodichloromethane	50.000	56.087	-12.2	95	0.00
48 T	Methyl methacrylate	50.000	46.339	7.3	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	830.608	16.9	72	0.00
50 S	Toluene-d8	50.000	52.522	-5.0	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	217.451	13.0	75	0.00
52 CM	Toluene	50.000	57.207	-14.4#	97	0.00
53 T	t-1,3-Dichloropropene	50.000	53.368	-6.7	89	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.516	-9.0	91	0.00
55 T	1,1,2-Trichloroethane	50.000	52.912	-5.8	91	0.00
56 T	Ethyl methacrylate	50.000	49.796	0.4	82	0.00
57 T	1,3-Dichloropropane	50.000	52.576	-5.2	89	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	221.700	11.3	77	0.00
59 T	2-Hexanone	250.000	218.910	12.4	72	0.00
60 T	Dibromochloromethane	50.000	54.323	-8.6	93	0.00
61 T	1,2-Dibromoethane	50.000	50.268	-0.5	87	0.00
62 S	4-Bromofluorobenzene	50.000	53.073	-6.1	89	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64 T	Tetrachloroethene	50.000	58.924	-17.8	100	0.00
65 PM	Chlorobenzene	50.000	56.149	-12.3	96	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.913	-15.8	98	0.00
67 C	Ethyl Benzene	50.000	58.931	-17.9#	98	0.00
68 T	m/p-Xylenes	100.000	117.442	-17.4	97	0.00
69 T	o-Xylene	50.000	58.256	-16.5	96	0.00
70 T	Styrene	50.000	58.881	-17.8	95	0.00
71 P	Bromoform	50.000	51.169	-2.3	87	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73 T	Isopropylbenzene	50.000	59.032	-18.1	100	0.00
74 T	N-amyl acetate	50.000	45.597	8.8	79	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.659	4.7	86	0.00
76 T	1,2,3-Trichloropropane	50.000	46.085	7.8	88	0.00
77 T	Bromobenzene	50.000	54.491	-9.0	95	0.00
78 T	n-propylbenzene	50.000	59.640	-19.3	101	0.00
79 T	2-Chlorotoluene	50.000	56.421	-12.8	98	0.00
80 T	1,3,5-Trimethylbenzene	50.000	58.343	-16.7	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.782	8.4	81	0.00
82 T	4-Chlorotoluene	50.000	56.360	-12.7	97	0.00
83 T	tert-Butylbenzene	50.000	59.195	-18.4	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.923	-15.8	98	0.00
85 T	sec-Butylbenzene	50.000	60.585	-21.2	102	0.00
86 T	p-Isopropyltoluene	50.000	59.946	-19.9	102	0.00
87 T	1,3-Dichlorobenzene	50.000	55.293	-10.6	97	0.00
88 T	1,4-Dichlorobenzene	50.000	54.409	-8.8	96	0.00
89 T	n-Butylbenzene	50.000	61.030	-22.1	102	0.00
90 T	Hexachloroethane	50.000	57.041	-14.1	101	0.00
91 T	1,2-Dichlorobenzene	50.000	53.758	-7.5	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	42.334	15.3	75	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.229	-8.5	92	0.00
94 T	Hexachlorobutadiene	50.000	60.818	-21.6	105	0.00
95 T	Naphthalene	50.000	43.725	12.5	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.666	-5.3	89	0.00

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