

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
 Data File : VY014448.D
 Acq On : 27 Jun 2023 10:47
 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 27 16:41:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 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	97	0.00
2 T	Dichlorodifluoromethane	50.000	46.391	7.2	100	0.00
3 P	Chloromethane	50.000	43.947	12.1	88	0.00
4 C	Vinyl Chloride	50.000	45.985	8.0#	92	0.00
5 T	Bromomethane	50.000	45.177	9.6	95	0.00
6 T	Chloroethane	50.000	47.969	4.1	94	0.00
7 T	Trichlorofluoromethane	50.000	50.478	-1.0	102	0.00
8 T	Diethyl Ether	50.000	48.352	3.3	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.231	3.5	96	0.00
10 T	Methyl Iodide	50.000	48.134	3.7	93	0.00
11 T	Tert butyl alcohol	250.000	256.773	-2.7	94	0.00
12 CM	1,1-Dichloroethene	50.000	48.791	2.4#	96	0.00
13 T	Acrolein	250.000	293.847	-17.5	110	0.00
14 T	Allyl chloride	50.000	46.631	6.7	89	0.00
15 T	Acrylonitrile	250.000	239.066	4.4	91	0.00
16 T	Acetone	250.000	282.444	-13.0	98	0.00
17 T	Carbon Disulfide	50.000	47.803	4.4	91	0.00
18 T	Methyl Acetate	50.000	45.098	9.8	88	0.00
19 T	Methyl tert-butyl Ether	50.000	51.871	-3.7	97	0.00
20 T	Methylene Chloride	50.000	44.049	11.9	86	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.925	0.2	94	0.00
22 T	Diisopropyl ether	50.000	46.437	7.1	87	0.00
23 T	Vinyl Acetate	250.000	294.207	-17.7	104	0.00
24 P	1,1-Dichloroethane	50.000	47.572	4.9	91	0.00
25 T	2-Butanone	250.000	251.772	-0.7	93	0.00
26 T	2,2-Dichloropropane	50.000	50.780	-1.6	100	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.297	1.4	94	0.00
28 T	Bromochloromethane	50.000	43.591	12.8	79	0.00
29 T	Tetrahydrofuran	250.000	239.814	4.1	89	0.00
30 C	Chloroform	50.000	50.130	-0.3#	96	0.00
31 T	Cyclohexane	50.000	44.942	10.1	91	0.00
32 T	1,1,1-Trichloroethane	50.000	51.980	-4.0	100	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.078	-0.2	92	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35 S	Dibromofluoromethane	50.000	51.048	-2.1	90	0.00
36 T	1,1-Dichloropropene	50.000	50.969	-1.9	94	0.00
37 T	Ethyl Acetate	50.000	48.307	3.4	88	0.00
38 T	Carbon Tetrachloride	50.000	53.952	-7.9	101	0.00
39 T	Methylcyclohexane	50.000	51.726	-3.5	95	0.00
40 TM	Benzene	50.000	51.186	-2.4	93	0.00
41 T	Methacrylonitrile	50.000	54.169	-8.3	92	0.01
42 TM	1,2-Dichloroethane	50.000	52.297	-4.6	96	0.00
43 T	Isopropyl Acetate	50.000	49.720	0.6	90	0.00
44 TM	Trichloroethene	50.000	51.524	-3.0	96	0.00
45 C	1,2-Dichloropropane	50.000	47.616	4.8#	88	0.00
46 T	Dibromomethane	50.000	50.240	-0.5	92	0.00
47 T	Bromodichloromethane	50.000	51.675	-3.3	94	0.00
48 T	Methyl methacrylate	50.000	49.953	0.1	90	0.00

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

49 T	1,4-Dioxane	1000.000	1077.684	-7.8	99	-0.02
50 S	Toluene-d8	50.000	51.160	-2.3	89	0.00
51 T	4-Methyl-2-Pentanone	250.000	252.028	-0.8	90	0.00
52 CM	Toluene	50.000	53.051	-6.1#	95	0.00
53 T	t-1,3-Dichloropropene	50.000	52.844	-5.7	94	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.400	-2.8	94	0.00
55 T	1,1,2-Trichloroethane	50.000	51.809	-3.6	93	0.00
56 T	Ethyl methacrylate	50.000	53.183	-6.4	92	0.00
57 T	1,3-Dichloropropane	50.000	51.064	-2.1	91	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	252.107	-0.8	85	0.00
59 T	2-Hexanone	250.000	266.859	-6.7	93	0.00
60 T	Dibromochloromethane	50.000	53.652	-7.3	97	0.00
61 T	1,2-Dibromoethane	50.000	52.865	-5.7	95	0.00
62 S	4-Bromofluorobenzene	50.000	51.872	-3.7	90	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64 T	Tetrachloroethene	50.000	51.866	-3.7	98	0.00
65 PM	Chlorobenzene	50.000	52.082	-4.2	96	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.519	-5.0	96	0.00
67 C	Ethyl Benzene	50.000	52.676	-5.4#	95	0.00
68 T	m/p-Xylenes	100.000	108.295	-8.3	97	0.00
69 T	o-Xylene	50.000	53.624	-7.2	96	0.00
70 T	Styrene	50.000	54.800	-9.6	98	0.00
71 P	Bromoform	50.000	54.780	-9.6	99	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73 T	Isopropylbenzene	50.000	53.169	-6.3	99	0.00
74 T	N-amyl acetate	50.000	49.956	0.1	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.004	-0.0	93	0.00
76 T	1,2,3-Trichloropropane	50.000	44.918	10.2	86	0.00
77 T	Bromobenzene	50.000	51.868	-3.7	98	0.00
78 T	n-propylbenzene	50.000	52.096	-4.2	97	0.00
79 T	2-Chlorotoluene	50.000	51.863	-3.7	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.201	-6.4	98	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.605	-1.2	93	0.00
82 T	4-Chlorotoluene	50.000	51.810	-3.6	96	0.00
83 T	tert-Butylbenzene	50.000	54.026	-8.1	101	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.069	-8.1	100	0.00
85 T	sec-Butylbenzene	50.000	53.588	-7.2	99	0.00
86 T	p-Isopropyltoluene	50.000	54.333	-8.7	101	0.00
87 T	1,3-Dichlorobenzene	50.000	53.301	-6.6	99	0.00
88 T	1,4-Dichlorobenzene	50.000	52.803	-5.6	99	0.00
89 T	n-Butylbenzene	50.000	53.729	-7.5	99	0.00
90 T	Hexachloroethane	50.000	51.343	-2.7	96	0.00
91 T	1,2-Dichlorobenzene	50.000	52.813	-5.6	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.333	-4.7	99	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.744	-7.5	98	0.00
94 T	Hexachlorobutadiene	50.000	53.570	-7.1	102	0.00
95 T	Naphthalene	50.000	56.091	-12.2	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.897	-7.8	99	0.00

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