

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101723\
 Data File : VY015995.D
 Acq On : 17 Oct 2023 09:21
 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: Oct 18 06:03:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 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	90	0.00
2 T	Dichlorodifluoromethane	50.000	50.109	-0.2	86	0.00
3 P	Chloromethane	50.000	44.306	11.4	85	0.00
4 C	Vinyl Chloride	50.000	53.319	-6.6#	94	0.00
5 T	Bromomethane	50.000	58.543	-17.1	97	0.01
6 T	Chloroethane	50.000	48.194	3.6	81	0.01
7 T	Trichlorofluoromethane	50.000	56.878	-13.8	101	0.01
8 T	Diethyl Ether	50.000	45.654	8.7	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.887	-3.8	94	0.00
10 T	Methyl Iodide	50.000	50.768	-1.5	84	0.00
11 T	Tert butyl alcohol	250.000	272.035	-8.8	135	0.12
12 CM	1,1-Dichloroethene	50.000	53.237	-6.5#	95	0.00
13 T	Acrolein	250.000	242.191	3.1	79	0.01
14 T	Allyl chloride	50.000	58.174	-16.3	102	0.00
15 T	Acrylonitrile	250.000	276.550	-10.6	96	0.02
16 T	Acetone	250.000	341.211	-36.5#	104	0.04
17 T	Carbon Disulfide	50.000	51.692	-3.4	92	0.00
18 T	Methyl Acetate	50.000	59.169	-18.3	104	0.02
19 T	Methyl tert-butyl Ether	50.000	42.257	15.5	73	0.01
20 T	Methylene Chloride	50.000	46.803	6.4	86	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.437	3.1	87	0.00
22 T	Diisopropyl ether	50.000	47.225	5.5	83	0.01
23 T	Vinyl Acetate	250.000	194.884	22.0	65	0.01
24 P	1,1-Dichloroethane	50.000	48.551	2.9	87	0.00
25 T	2-Butanone	250.000	284.553	-13.8	99	0.02
26 T	2,2-Dichloropropane	50.000	43.125	13.8	78	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.660	6.7	83	0.00
28 T	Bromochloromethane	50.000	47.414	5.2	85	0.00
29 T	Tetrahydrofuran	250.000	296.229	-18.5	103	0.02
30 C	Chloroform	50.000	47.593	4.8#	85	0.00
31 T	Cyclohexane	50.000	47.937	4.1	90	0.00
32 T	1,1,1-Trichloroethane	50.000	49.582	0.8	89	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.363	11.3	77	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35 S	Dibromofluoromethane	50.000	47.403	5.2	79	0.00
36 T	1,1-Dichloropropene	50.000	52.223	-4.4	90	0.00
37 T	Ethyl Acetate	50.000	60.721	-21.4	101	0.01
38 T	Carbon Tetrachloride	50.000	51.595	-3.2	89	0.00
39 T	Methylcyclohexane	50.000	51.386	-2.8	88	0.00
40 TM	Benzene	50.000	49.882	0.2	86	0.00
41 T	Methacrylonitrile	50.000	46.800	6.4	80	0.00
42 TM	1,2-Dichloroethane	50.000	45.252	9.5	78	0.00
43 T	Isopropyl Acetate	50.000	45.247	9.5	75	0.00
44 TM	Trichloroethene	50.000	56.847	-13.7	101	0.00
45 C	1,2-Dichloropropane	50.000	48.709	2.6#	84	0.00
46 T	Dibromomethane	50.000	45.228	9.5	75	0.00
47 T	Bromodichloromethane	50.000	47.826	4.3	81	0.00
48 T	Methyl methacrylate	50.000	44.583	10.8	73	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1185.696	-18.6	106	0.08
50 S	Toluene-d8	50.000	52.666	-5.3	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	241.508	3.4	80	0.00
52 CM	Toluene	50.000	50.851	-1.7#	87	0.00
53 T	t-1,3-Dichloropropene	50.000	47.820	4.4	80	0.00
54 T	cis-1,3-Dichloropropene	50.000	45.930	8.1	77	0.00
55 T	1,1,2-Trichloroethane	50.000	49.757	0.5	86	0.00
56 T	Ethyl methacrylate	50.000	50.203	-0.4	83	0.00
57 T	1,3-Dichloropropane	50.000	48.903	2.2	84	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	175.077	30.0#	74	0.00
59 T	2-Hexanone	250.000	319.908	-28.0#	107	0.00
60 T	Dibromochloromethane	50.000	49.972	0.1	84	0.00
61 T	1,2-Dibromoethane	50.000	49.507	1.0	85	0.00
62 S	4-Bromofluorobenzene	50.000	52.649	-5.3	88	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64 T	Tetrachloroethene	50.000	59.766	-19.5	111	0.00
65 PM	Chlorobenzene	50.000	49.319	1.4	86	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.194	-0.4	88	0.00
67 C	Ethyl Benzene	50.000	51.685	-3.4#	90	0.00
68 T	m/p-Xylenes	100.000	102.743	-2.7	89	0.00
69 T	o-Xylene	50.000	51.262	-2.5	88	0.00
70 T	Styrene	50.000	51.533	-3.1	88	0.00
71 P	Bromoform	50.000	50.842	-1.7	87	0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73 T	Isopropylbenzene	50.000	49.314	1.4	90	0.00
74 T	N-ethyl acetate	50.000	47.916	4.2	84	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	40.491	19.0	73	0.00
76 T	1,2,3-Trichloropropane	50.000	47.860	4.3	98	0.00
77 T	Bromobenzene	50.000	47.590	4.8	87	0.00
78 T	n-propylbenzene	50.000	49.684	0.6	90	0.00
79 T	2-Chlorotoluene	50.000	48.705	2.6	89	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.123	-0.2	90	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.700	2.6	85	0.00
82 T	4-Chlorotoluene	50.000	49.326	1.3	90	0.00
83 T	tert-Butylbenzene	50.000	49.215	1.6	88	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.706	0.6	90	0.00
85 T	sec-Butylbenzene	50.000	50.099	-0.2	90	0.00
86 T	p-Isopropyltoluene	50.000	50.213	-0.4	90	0.00
87 T	1,3-Dichlorobenzene	50.000	48.536	2.9	89	0.00
88 T	1,4-Dichlorobenzene	50.000	48.822	2.4	89	0.00
89 T	n-Butylbenzene	50.000	49.583	0.8	90	0.00
90 T	Hexachloroethane	50.000	49.463	1.1	91	0.00
91 T	1,2-Dichlorobenzene	50.000	49.164	1.7	90	0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	61.136	-22.3	114	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.769	2.5	88	0.00
94 T	Hexachlorobutadiene	50.000	47.943	4.1	88	0.00
95 T	Naphthalene	50.000	53.008	-6.0	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.968	2.1	90	0.00

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