

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102023\
 Data File : VY016054.D
 Acq On : 20 Oct 2023 09:20
 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 20 23:02:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 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	88	0.00
2 T	Dichlorodifluoromethane	50.000	50.616	-1.2	88	0.00
3 P	Chloromethane	50.000	48.579	2.8	84	0.00
4 C	Vinyl Chloride	50.000	47.676	4.6#	84	0.00
5 T	Bromomethane	50.000	48.113	3.8	84	0.01
6 T	Chloroethane	50.000	52.336	-4.7	89	0.00
7 T	Trichlorofluoromethane	50.000	49.316	1.4	89	0.01
8 T	Diethyl Ether	50.000	48.872	2.3	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.868	0.3	91	0.00
10 T	Methyl Iodide	50.000	48.382	3.2	84	0.00
11 T	Tert butyl alcohol	250.000	301.537	-20.6	115	0.02
12 CM	1,1-Dichloroethene	50.000	50.298	-0.6#	90	0.00
13 T	Acrolein	250.000	230.790	7.7	79	0.00
14 T	Allyl chloride	50.000	49.229	1.5	88	0.00
15 T	Acrylonitrile	250.000	226.239	9.5	79	0.00
16 T	Acetone	250.000	257.788	-3.1	89	0.00
17 T	Carbon Disulfide	50.000	49.271	1.5	88	0.00
18 T	Methyl Acetate	50.000	49.497	1.0	84	0.00
19 T	Methyl tert-butyl Ether	50.000	49.224	1.6	86	0.00
20 T	Methylene Chloride	50.000	44.168	11.7	87	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.023	-0.0	89	0.00
22 T	Diisopropyl ether	50.000	49.625	0.8	86	0.00
23 T	Vinyl Acetate	250.000	227.836	8.9	78	0.00
24 P	1,1-Dichloroethane	50.000	49.660	0.7	89	0.00
25 T	2-Butanone	250.000	271.230	-8.5	94	0.00
26 T	2,2-Dichloropropane	50.000	46.906	6.2	86	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.061	1.9	87	0.00
28 T	Bromochloromethane	50.000	45.712	8.6	76	0.00
29 T	Tetrahydrofuran	250.000	273.466	-9.4	93	0.00
30 C	Chloroform	50.000	48.541	2.9#	86	0.00
31 T	Cyclohexane	50.000	47.248	5.5	88	0.00
32 T	1,1,1-Trichloroethane	50.000	49.752	0.5	88	0.00
33 S	1,2-Dichloroethane-d4	50.000	41.216	17.6	79	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35 S	Dibromofluoromethane	50.000	43.952	12.1	82	0.00
36 T	1,1-Dichloropropene	50.000	50.479	-1.0	88	0.00
37 T	Ethyl Acetate	50.000	52.967	-5.9	91	0.00
38 T	Carbon Tetrachloride	50.000	51.078	-2.2	90	0.00
39 T	Methylcyclohexane	50.000	49.370	1.3	86	0.00
40 TM	Benzene	50.000	50.146	-0.3	87	0.00
41 T	Methacrylonitrile	50.000	49.524	1.0	81	0.00
42 TM	1,2-Dichloroethane	50.000	46.579	6.8	81	0.00
43 T	Isopropyl Acetate	50.000	51.921	-3.8	87	0.00
44 TM	Trichloroethene	50.000	53.934	-7.9	95	0.00
45 C	1,2-Dichloropropane	50.000	48.583	2.8#	85	0.00
46 T	Dibromomethane	50.000	45.900	8.2	79	0.00
47 T	Bromodichloromethane	50.000	48.933	2.1	84	0.00
48 T	Methyl methacrylate	50.000	50.019	-0.0	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1102.837	-10.3	86	0.00
50 S	Toluene-d8	50.000	44.896	10.2	84	0.00
51 T	4-Methyl-2-Pentanone	250.000	275.158	-10.1	92	0.00
52 CM	Toluene	50.000	49.471	1.1#	84	0.00
53 T	t-1,3-Dichloropropene	50.000	46.967	6.1	79	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.726	4.5	82	0.00
55 T	1,1,2-Trichloroethane	50.000	47.570	4.9	81	0.00
56 T	Ethyl methacrylate	50.000	50.210	-0.4	82	0.00
57 T	1,3-Dichloropropane	50.000	47.113	5.8	80	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	226.492	9.4	76	0.00
59 T	2-Hexanone	250.000	291.867	-16.7	96	0.00
60 T	Dibromochloromethane	50.000	47.758	4.5	82	0.00
61 T	1,2-Dibromoethane	50.000	45.738	8.5	78	0.00
62 S	4-Bromofluorobenzene	50.000	43.442	13.1	80	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64 T	Tetrachloroethene	50.000	59.411	-18.8	101	0.00
65 PM	Chlorobenzene	50.000	50.190	-0.4	83	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.372	-0.7	84	0.00
67 C	Ethyl Benzene	50.000	51.141	-2.3#	84	0.00
68 T	m/p-Xylenes	100.000	102.519	-2.5	84	0.00
69 T	o-Xylene	50.000	50.379	-0.8	83	0.00
70 T	Styrene	50.000	50.610	-1.2	83	0.00
71 P	Bromoform	50.000	49.783	0.4	80	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	78	0.00
73 T	Isopropylbenzene	50.000	52.719	-5.4	84	0.00
74 T	N-amyl acetate	50.000	54.786	-9.6	84	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.077	5.8	75	0.00
76 T	1,2,3-Trichloropropane	50.000	52.730	-5.5	82	0.00
77 T	Bromobenzene	50.000	50.383	-0.8	80	0.00
78 T	n-propylbenzene	50.000	52.837	-5.7	84	0.00
79 T	2-Chlorotoluene	50.000	51.922	-3.8	82	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.550	-5.1	83	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.315	1.4	76	0.00
82 T	4-Chlorotoluene	50.000	51.000	-2.0	80	0.00
83 T	tert-Butylbenzene	50.000	52.517	-5.0	82	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.811	-3.6	81	0.00
85 T	sec-Butylbenzene	50.000	52.696	-5.4	83	0.00
86 T	p-Isopropyltoluene	50.000	52.415	-4.8	82	0.00
87 T	1,3-Dichlorobenzene	50.000	50.829	-1.7	80	0.00
88 T	1,4-Dichlorobenzene	50.000	49.808	0.4	79	0.00
89 T	n-Butylbenzene	50.000	51.444	-2.9	80	0.00
90 T	Hexachloroethane	50.000	50.839	-1.7	81	0.00
91 T	1,2-Dichlorobenzene	50.000	49.313	1.4	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.474	1.1	80	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.937	8.1	72	0.00
94 T	Hexachlorobutadiene	50.000	46.371	7.3	75	0.00
95 T	Naphthalene	50.000	46.384	7.2	72	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.396	11.2	69	0.00

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