

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015428.D
 Acq On : 01 Sep 2023 20:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 01 23:46:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 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	45.326	9.3	75	0.00
3 P	Chloromethane	50.000	51.504	-3.0	85	0.00
4 C	Vinyl Chloride	50.000	48.254	3.5#	80	0.00
5 T	Bromomethane	50.000	56.854	-13.7	95	0.00
6 T	Chloroethane	50.000	51.775	-3.5	87	0.00
7 T	Trichlorofluoromethane	50.000	46.251	7.5	78	0.00
8 T	Diethyl Ether	50.000	54.011	-8.0	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.479	9.0	76	0.00
10 T	Methyl Iodide	50.000	48.266	3.5	76	0.00
11 T	Tert butyl alcohol	250.000	202.834	18.9	72	0.00
12 CM	1,1-Dichloroethene	50.000	48.786	2.4#	82	0.01
13 T	Acrolein	250.000	203.376	18.6	60	0.00
14 T	Allyl chloride	50.000	50.419	-0.8	82	0.00
15 T	Acrylonitrile	250.000	264.681	-5.9	83	0.00
16 T	Acetone	250.000	200.733	19.7	57	0.00
17 T	Carbon Disulfide	50.000	49.340	1.3	82	0.00
18 T	Methyl Acetate	50.000	65.828	-31.7#	103	0.00
19 T	Methyl tert-butyl Ether	50.000	53.369	-6.7	86	0.01
20 T	Methylene Chloride	50.000	46.013	8.0	80	0.01
21 T	trans-1,2-Dichloroethene	50.000	52.202	-4.4	87	0.01
22 T	Diisopropyl ether	50.000	54.521	-9.0	90	0.00
23 T	Vinyl Acetate	250.000	226.588	9.4	72	0.00
24 P	1,1-Dichloroethane	50.000	52.828	-5.7	90	0.01
25 T	2-Butanone	250.000	243.777	2.5	72	0.00
26 T	2,2-Dichloropropane	50.000	38.853	22.3	66	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.418	-8.8	90	0.00
28 T	Bromochloromethane	50.000	58.477	-17.0	101	0.00
29 T	Tetrahydrofuran	250.000	258.701	-3.5	80	0.00
30 C	Chloroform	50.000	53.871	-7.7#	91	0.01
31 T	Cyclohexane	50.000	44.490	11.0	78	0.00
32 T	1,1,1-Trichloroethane	50.000	50.383	-0.8	84	0.01
33 S	1,2-Dichloroethane-d4	50.000	56.777	-13.6	99	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35 S	Dibromofluoromethane	50.000	53.129	-6.3	99	0.00
36 T	1,1-Dichloropropene	50.000	44.585	10.8	83	0.00
37 T	Ethyl Acetate	50.000	45.032	9.9	77	0.01
38 T	Carbon Tetrachloride	50.000	45.203	9.6	83	0.00
39 T	Methylcyclohexane	50.000	40.922	18.2	75	0.00
40 TM	Benzene	50.000	49.383	1.2	90	0.01
41 T	Methacrylonitrile	50.000	49.966	0.1	85	0.00
42 TM	1,2-Dichloroethane	50.000	48.289	3.4	86	0.00
43 T	Isopropyl Acetate	50.000	47.064	5.9	81	0.00
44 TM	Trichloroethene	50.000	48.910	2.2	90	0.00
45 C	1,2-Dichloropropane	50.000	50.381	-0.8#	91	0.00
46 T	Dibromomethane	50.000	48.915	2.2	88	0.01
47 T	Bromodichloromethane	50.000	49.793	0.4	89	0.00
48 T	Methyl methacrylate	50.000	47.414	5.2	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	890.459	11.0	77	0.00
50 S	Toluene-d8	50.000	51.186	-2.4	98	0.00
51 T	4-Methyl-2-Pentanone	250.000	242.480	3.0	82	0.00
52 CM	Toluene	50.000	48.744	2.5#	88	0.00
53 T	t-1,3-Dichloropropene	50.000	45.147	9.7	79	0.00
54 T	cis-1,3-Dichloropropene	50.000	45.931	8.1	82	0.00
55 T	1,1,2-Trichloroethane	50.000	49.554	0.9	88	0.00
56 T	Ethyl methacrylate	50.000	48.910	2.2	84	0.00
57 T	1,3-Dichloropropane	50.000	49.808	0.4	89	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	243.642	2.5	90	0.00
59 T	2-Hexanone	250.000	231.127	7.5	76	0.00
60 T	Dibromochloromethane	50.000	50.573	-1.1	90	0.00
61 T	1,2-Dibromoethane	50.000	49.901	0.2	88	0.00
62 S	4-Bromofluorobenzene	50.000	52.212	-4.4	99	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	54.132	-8.3	99	0.00
65 PM	Chlorobenzene	50.000	48.232	3.5	90	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.537	0.9	92	0.00
67 C	Ethyl Benzene	50.000	47.091	5.8#	88	0.00
68 T	m/p-Xylenes	100.000	94.436	5.6	88	0.00
69 T	o-Xylene	50.000	48.494	3.0	90	0.00
70 T	Styrene	50.000	50.091	-0.2	90	0.00
71 P	Bromoform	50.000	49.966	0.1	86	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73 T	Isopropylbenzene	50.000	46.804	6.4	85	0.00
74 T	N-amyl acetate	50.000	44.641	10.7	75	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.819	6.4	82	0.00
76 T	1,2,3-Trichloropropane	50.000	50.823	-1.6	88	0.00
77 T	Bromobenzene	50.000	48.871	2.3	89	0.00
78 T	n-propylbenzene	50.000	46.498	7.0	83	0.00
79 T	2-Chlorotoluene	50.000	48.243	3.5	87	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.735	6.5	84	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	38.972	22.1	67	0.00
82 T	4-Chlorotoluene	50.000	48.058	3.9	86	0.00
83 T	tert-Butylbenzene	50.000	45.067	9.9	81	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.140	3.7	86	0.00
85 T	sec-Butylbenzene	50.000	44.877	10.2	81	0.00
86 T	p-Isopropyltoluene	50.000	44.750	10.5	80	0.00
87 T	1,3-Dichlorobenzene	50.000	48.325	3.3	87	0.00
88 T	1,4-Dichlorobenzene	50.000	47.632	4.7	87	0.00
89 T	n-Butylbenzene	50.000	43.581	12.8	78	0.00
90 T	Hexachloroethane	50.000	47.384	5.2	85	0.00
91 T	1,2-Dichlorobenzene	50.000	48.979	2.0	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.269	5.5	80	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.104	7.8	81	0.00
94 T	Hexachlorobutadiene	50.000	38.868	22.3	72	0.00
95 T	Naphthalene	50.000	48.156	3.7	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.006	6.0	84	0.00

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