

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015553.D
 Acq On : 14 Sep 2023 22:58
 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 15 09:21:09 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	87	0.00
2 T	Dichlorodifluoromethane	50.000	34.448	31.1#	57	0.00
3 P	Chloromethane	50.000	43.608	12.8	71	0.00
4 C	Vinyl Chloride	50.000	44.242	11.5#	72	0.00
5 T	Bromomethane	50.000	54.004	-8.0	89	0.00
6 T	Chloroethane	50.000	47.385	5.2	79	0.00
7 T	Trichlorofluoromethane	50.000	45.069	9.9	75	0.00
8 T	Diethyl Ether	50.000	51.427	-2.9	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.203	9.6	75	0.00
10 T	Methyl Iodide	50.000	40.027	19.9	62	0.00
11 T	Tert butyl alcohol	250.000	221.314	11.5	77	0.01
12 CM	1,1-Dichloroethene	50.000	47.953	4.1#	79	0.00
13 T	Acrolein	250.000	156.163	37.5#	44	0.00
14 T	Allyl chloride	50.000	48.453	3.1	78	0.00
15 T	Acrylonitrile	250.000	272.938	-9.2	84	0.00
16 T	Acetone	250.000	211.208	15.5	59	0.01
17 T	Carbon Disulfide	50.000	46.292	7.4	76	0.00
18 T	Methyl Acetate	50.000	54.474	-8.9	84	0.00
19 T	Methyl tert-butyl Ether	50.000	51.852	-3.7	82	0.01
20 T	Methylene Chloride	50.000	52.811	-5.6	89	0.01
21 T	trans-1,2-Dichloroethene	50.000	49.530	0.9	81	0.01
22 T	Diisopropyl ether	50.000	49.540	0.9	81	0.01
23 T	Vinyl Acetate	250.000	251.477	-0.6	79	0.01
24 P	1,1-Dichloroethane	50.000	49.919	0.2	84	0.02
25 T	2-Butanone	250.000	257.840	-3.1	76	0.01
26 T	2,2-Dichloropropane	50.000	46.427	7.1	77	0.01
27 T	cis-1,2-Dichloroethene	50.000	51.518	-3.0	84	0.01
28 T	Bromochloromethane	50.000	39.628	20.7	68	0.01
29 T	Tetrahydrofuran	250.000	270.490	-8.2	83	0.00
30 C	Chloroform	50.000	50.564	-1.1#	84	0.01
31 T	Cyclohexane	50.000	43.806	12.4	76	0.00
32 T	1,1,1-Trichloroethane	50.000	49.677	0.6	82	0.01
33 S	1,2-Dichloroethane-d4	50.000	45.676	8.6	79	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35 S	Dibromofluoromethane	50.000	46.923	6.2	81	0.00
36 T	1,1-Dichloropropene	50.000	47.436	5.1	81	0.00
37 T	Ethyl Acetate	50.000	52.437	-4.9	83	0.01
38 T	Carbon Tetrachloride	50.000	48.031	3.9	82	0.01
39 T	Methylcyclohexane	50.000	45.166	9.7	76	0.00
40 TM	Benzene	50.000	49.151	1.7	83	0.01
41 T	Methacrylonitrile	50.000	156.423	-212.8#	247	0.04
42 TM	1,2-Dichloroethane	50.000	49.586	0.8	82	0.00
43 T	Isopropyl Acetate	50.000	52.040	-4.1	83	0.01
44 TM	Trichloroethene	50.000	50.370	-0.7	86	0.00
45 C	1,2-Dichloropropane	50.000	49.326	1.3#	83	0.00
46 T	Dibromomethane	50.000	49.929	0.1	83	0.01
47 T	Bromodichloromethane	50.000	50.910	-1.8	85	0.00
48 T	Methyl methacrylate	50.000	51.209	-2.4	80	0.00

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

49 T	1,4-Dioxane	1000.000	1071.095	-7.1	85	0.01
50 S	Toluene-d8	50.000	43.126	13.7	77	0.00
51 T	4-Methyl-2-Pentanone	250.000	267.608	-7.0	83	0.00
52 CM	Toluene	50.000	49.511	1.0#	83	0.00
53 T	t-1,3-Dichloropropene	50.000	50.073	-0.1	81	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.346	1.3	81	0.00
55 T	1,1,2-Trichloroethane	50.000	51.199	-2.4	85	0.00
56 T	Ethyl methacrylate	50.000	52.402	-4.8	83	0.00
57 T	1,3-Dichloropropane	50.000	51.066	-2.1	84	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	216.176	13.5	74	0.00
59 T	2-Hexanone	250.000	264.353	-5.7	80	0.00
60 T	Dibromochloromethane	50.000	51.819	-3.6	85	0.00
61 T	1,2-Dibromoethane	50.000	51.609	-3.2	84	0.00
62 S	4-Bromofluorobenzene	50.000	45.860	8.3	80	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64 T	Tetrachloroethene	50.000	53.317	-6.6	89	0.00
65 PM	Chlorobenzene	50.000	49.266	1.5	83	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.456	-0.9	85	0.00
67 C	Ethyl Benzene	50.000	48.944	2.1#	83	0.00
68 T	m/p-Xylenes	100.000	97.707	2.3	83	0.00
69 T	o-Xylene	50.000	49.355	1.3	83	0.00
70 T	Styrene	50.000	49.917	0.2	82	0.00
71 P	Bromoform	50.000	54.061	-8.1	84	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73 T	Isopropylbenzene	50.000	46.598	6.8	81	0.00
74 T	N-amyl acetate	50.000	50.156	-0.3	80	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.689	2.6	82	0.00
76 T	1,2,3-Trichloropropane	50.000	89.179	-78.4#	147	0.00
77 T	Bromobenzene	50.000	47.811	4.4	83	0.00
78 T	n-propylbenzene	50.000	46.297	7.4	79	0.00
79 T	2-Chlorotoluene	50.000	46.755	6.5	81	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.687	6.6	80	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.497	3.0	80	0.00
82 T	4-Chlorotoluene	50.000	47.505	5.0	82	0.00
83 T	tert-Butylbenzene	50.000	45.767	8.5	78	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.251	5.5	81	0.00
85 T	sec-Butylbenzene	50.000	45.982	8.0	79	0.00
86 T	p-Isopropyltoluene	50.000	46.495	7.0	79	0.00
87 T	1,3-Dichlorobenzene	50.000	47.377	5.2	82	0.00
88 T	1,4-Dichlorobenzene	50.000	47.332	5.3	82	0.00
89 T	n-Butylbenzene	50.000	45.376	9.2	78	0.00
90 T	Hexachloroethane	50.000	46.675	6.7	80	0.00
91 T	1,2-Dichlorobenzene	50.000	48.195	3.6	82	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.761	-3.5	83	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.073	5.9	79	0.00
94 T	Hexachlorobutadiene	50.000	44.712	10.6	79	0.00
95 T	Naphthalene	50.000	51.172	-2.3	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.411	5.2	81	0.00

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