

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011781.D
 Acq On : 13 Dec 2022 09:58
 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: Dec 13 22:16:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 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	93	0.00
2 T	Dichlorodifluoromethane	50.000	46.254	7.5	92	0.00
3 P	Chloromethane	50.000	48.581	2.8	91	0.00
4 C	Vinyl Chloride	50.000	47.768	4.5#	90	0.00
5 T	Bromomethane	50.000	49.338	1.3	91	0.00
6 T	Chloroethane	50.000	44.239	11.5	91	0.00
7 T	Trichlorofluoromethane	50.000	44.252	11.5	90	0.00
8 T	Diethyl Ether	50.000	43.831	12.3	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.092	9.8	90	0.00
10 T	Methyl Iodide	50.000	44.393	11.2	84	0.00
11 T	Tert butyl alcohol	250.000	257.114	-2.8	94	0.00
12 CM	1,1-Dichloroethene	50.000	44.372	11.3#	89	0.00
13 T	Acrolein	250.000	239.862	4.1	97	0.00
14 T	Allyl chloride	50.000	44.952	10.1	88	0.00
15 T	Acrylonitrile	250.000	237.620	5.0	95	0.00
16 T	Acetone	250.000	257.986	-3.2	104	0.00
17 T	Carbon Disulfide	50.000	42.503	15.0	86	0.00
18 T	Methyl Acetate	50.000	44.430	11.1	94	0.00
19 T	Methyl tert-butyl Ether	50.000	46.922	6.2	91	0.00
20 T	Methylene Chloride	50.000	42.853	14.3	85	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.313	9.4	90	0.00
22 T	Diisopropyl ether	50.000	48.404	3.2	91	0.00
23 T	Vinyl Acetate	250.000	255.314	-2.1	92	0.00
24 P	1,1-Dichloroethane	50.000	45.810	8.4	90	0.00
25 T	2-Butanone	250.000	245.187	1.9	100	0.00
26 T	2,2-Dichloropropane	50.000	45.753	8.5	90	0.00
27 T	cis-1,2-Dichloroethene	50.000	45.951	8.1	90	0.00
28 T	Bromochloromethane	50.000	46.750	6.5	91	0.00
29 T	Tetrahydrofuran	250.000	239.098	4.4	97	0.00
30 C	Chloroform	50.000	46.786	6.4#	91	0.00
31 T	Cyclohexane	50.000	47.538	4.9	88	0.00
32 T	1,1,1-Trichloroethane	50.000	46.597	6.8	91	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.224	5.6	95	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35 S	Dibromofluoromethane	50.000	50.751	-1.5	97	0.00
36 T	1,1-Dichloropropene	50.000	47.202	5.6	90	0.00
37 T	Ethyl Acetate	50.000	48.403	3.2	93	0.00
38 T	Carbon Tetrachloride	50.000	48.355	3.3	91	0.00
39 T	Methylcyclohexane	50.000	46.466	7.1	88	0.00
40 TM	Benzene	50.000	47.021	6.0	90	0.00
41 T	Methacrylonitrile	50.000	46.974	6.1	87	0.00
42 TM	1,2-Dichloroethane	50.000	48.066	3.9	93	0.00
43 T	Isopropyl Acetate	50.000	48.118	3.8	94	0.00
44 TM	Trichloroethene	50.000	46.817	6.4	91	0.00
45 C	1,2-Dichloropropane	50.000	47.368	5.3#	90	0.00
46 T	Dibromomethane	50.000	47.696	4.6	93	0.00
47 T	Bromodichloromethane	50.000	48.036	3.9	91	0.00
48 T	Methyl methacrylate	50.000	49.117	1.8	93	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

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

49 T	1,4-Dioxane	1000.000	964.096	3.6	94	0.00
50 S	Toluene-d8	50.000	48.318	3.4	94	0.00
51 T	4-Methyl-2-Pentanone	250.000	253.951	-1.6	97	0.00
52 CM	Toluene	50.000	48.486	3.0#	92	0.00
53 T	t-1,3-Dichloropropene	50.000	48.232	3.5	92	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.407	5.2	90	0.00
55 T	1,1,2-Trichloroethane	50.000	48.771	2.5	95	0.00
56 T	Ethyl methacrylate	50.000	49.617	0.8	92	0.00
57 T	1,3-Dichloropropane	50.000	48.139	3.7	92	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	234.715	6.1	88	0.00
59 T	2-Hexanone	250.000	261.754	-4.7	98	0.00
60 T	Dibromochloromethane	50.000	48.923	2.2	94	0.00
61 T	1,2-Dibromoethane	50.000	47.969	4.1	92	0.00
62 S	4-Bromofluorobenzene	50.000	50.448	-0.9	98	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64 T	Tetrachloroethene	50.000	46.854	6.3	92	0.00
65 PM	Chlorobenzene	50.000	47.548	4.9	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.629	2.7	92	0.00
67 C	Ethyl Benzene	50.000	48.221	3.6#	91	0.00
68 T	m/p-Xylenes	100.000	96.445	3.6	92	0.00
69 T	o-Xylene	50.000	48.668	2.7	92	0.00
70 T	Styrene	50.000	49.421	1.2	92	0.00
71 P	Bromoform	50.000	48.930	2.1	94	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73 T	Isopropylbenzene	50.000	49.147	1.7	91	0.00
74 T	N-amyl acetate	50.000	48.622	2.8	92	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.006	2.0	96	0.00
76 T	1,2,3-Trichloropropane	50.000	43.792	12.4	85	0.00
77 T	Bromobenzene	50.000	48.489	3.0	92	0.00
78 T	n-propylbenzene	50.000	48.679	2.6	91	0.00
79 T	2-Chlorotoluene	50.000	47.981	4.0	91	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.154	1.7	92	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.515	1.0	95	0.00
82 T	4-Chlorotoluene	50.000	47.830	4.3	91	0.00
83 T	tert-Butylbenzene	50.000	50.716	-1.4	93	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.316	1.4	93	0.00
85 T	sec-Butylbenzene	50.000	49.229	1.5	91	0.00
86 T	p-Isopropyltoluene	50.000	49.552	0.9	92	0.00
87 T	1,3-Dichlorobenzene	50.000	47.634	4.7	92	0.00
88 T	1,4-Dichlorobenzene	50.000	47.309	5.4	92	0.00
89 T	n-Butylbenzene	50.000	49.643	0.7	92	0.00
90 T	Hexachloroethane	50.000	47.846	4.3	93	0.00
91 T	1,2-Dichlorobenzene	50.000	47.371	5.3	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.908	4.2	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.676	6.6	89	0.00
94 T	Hexachlorobutadiene	50.000	46.259	7.5	90	0.00
95 T	Naphthalene	50.000	48.536	2.9	90	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.592	6.8	88	0.00

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