

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022624\
 Data File : VY017476.D
 Acq On : 26 Feb 2024 09:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 27 01:50:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 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	97	0.01
2 T	Dichlorodifluoromethane	50.000	41.261	17.5	82	0.01
3 P	Chloromethane	50.000	41.259	17.5	81	0.02
4 C	Vinyl Chloride	50.000	43.993	12.0#	85	0.01
5 T	Bromomethane	50.000	41.598	16.8	83	0.02
6 T	Chloroethane	50.000	45.751	8.5	87	0.02
7 T	Trichlorofluoromethane	50.000	41.391	17.2	80	0.02
8 T	Diethyl Ether	50.000	42.165	15.7	77	0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.754	10.5	85	0.02
10 T	Methyl Iodide	50.000	47.256	5.5	83	0.02
11 T	Tert butyl alcohol	250.000	171.361	31.5#	72	0.02
12 CM	1,1-Dichloroethene	50.000	44.317	11.4#	84	0.02
13 T	Acrolein	250.000	252.755	-1.1	97	0.02
14 T	Allyl chloride	50.000	45.082	9.8	82	0.02
15 T	Acrylonitrile	250.000	214.121	14.4	77	0.02
16 T	Acetone	250.000	261.710	-4.7	97	0.02
17 T	Carbon Disulfide	50.000	44.099	11.8	83	0.02
18 T	Methyl Acetate	50.000	44.030	11.9	77	0.01
19 T	Methyl tert-butyl Ether	50.000	45.221	9.6	80	0.02
20 T	Methylene Chloride	50.000	44.347	11.3	81	0.03
21 T	trans-1,2-Dichloroethene	50.000	44.537	10.9	83	0.02
22 T	Diisopropyl ether	50.000	46.370	7.3	82	0.01
23 T	Vinyl Acetate	250.000	230.721	7.7	81	0.02
24 P	1,1-Dichloroethane	50.000	44.306	11.4	83	0.02
25 T	2-Butanone	250.000	233.642	6.5	83	0.02
26 T	2,2-Dichloropropane	50.000	46.960	6.1	89	0.02
27 T	cis-1,2-Dichloroethene	50.000	44.750	10.5	82	0.02
28 T	Bromochloromethane	50.000	48.780	2.4	109	0.02
29 T	Tetrahydrofuran	250.000	222.026	11.2	77	0.02
30 C	Chloroform	50.000	44.297	11.4#	83	0.02
31 T	Cyclohexane	50.000	45.284	9.4	87	0.02
32 T	1,1,1-Trichloroethane	50.000	45.506	9.0	86	0.02
33 S	1,2-Dichloroethane-d4	50.000	40.957	18.1	80	0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.02
35 S	Dibromofluoromethane	50.000	41.221	17.6	80	0.02
36 T	1,1-Dichloropropene	50.000	46.119	7.8	85	0.02
37 T	Ethyl Acetate	50.000	44.028	11.9	79	0.01
38 T	Carbon Tetrachloride	50.000	45.961	8.1	84	0.01
39 T	Methylcyclohexane	50.000	49.088	1.8	87	0.02
40 TM	Benzene	50.000	45.330	9.3	83	0.02
41 T	Methacrylonitrile	50.000	50.329	-0.7	85	0.01
42 TM	1,2-Dichloroethane	50.000	44.283	11.4	80	0.01
43 T	Isopropyl Acetate	50.000	44.877	10.2	78	0.01
44 TM	Trichloroethene	50.000	43.163	13.7	80	0.02
45 C	1,2-Dichloropropane	50.000	44.738	10.5#	82	0.01
46 T	Dibromomethane	50.000	44.000	12.0	80	0.02
47 T	Bromodichloromethane	50.000	44.971	10.1	81	0.01
48 T	Methyl methacrylate	50.000	45.649	8.7	78	0.01

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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)
49 T	1,4-Dioxane	1000.000	814.269	18.6	71	0.01
50 S	Toluene-d8	50.000	45.094	9.8	83	0.01
51 T	4-Methyl-2-Pentanone	250.000	224.280	10.3	78	0.01
52 CM	Toluene	50.000	45.662	8.7#	83	0.01
53 T	t-1,3-Dichloropropene	50.000	45.558	8.9	80	0.01
54 T	cis-1,3-Dichloropropene	50.000	45.754	8.5	82	0.01
55 T	1,1,2-Trichloroethane	50.000	43.056	13.9	79	0.01
56 T	Ethyl methacrylate	50.000	41.753	16.5	75	0.01
57 T	1,3-Dichloropropane	50.000	43.632	12.7	78	0.01
58 T	2-Chloroethyl Vinyl ether	250.000	169.142	32.3#	70	0.01
59 T	2-Hexanone	250.000	239.907	4.0	80	0.01
60 T	Dibromochloromethane	50.000	44.373	11.3	79	0.01
61 T	1,2-Dibromoethane	50.000	43.709	12.6	78	0.01
62 S	4-Bromofluorobenzene	50.000	43.554	12.9	79	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.01
64 T	Tetrachloroethene	50.000	40.168	19.7	73	0.01
65 PM	Chlorobenzene	50.000	45.464	9.1	81	0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	45.286	9.4	80	0.01
67 C	Ethyl Benzene	50.000	47.710	4.6#	83	0.01
68 T	m/p-Xylenes	100.000	95.859	4.1	83	0.00
69 T	o-Xylene	50.000	47.289	5.4	80	0.01
70 T	Styrene	50.000	47.174	5.7	79	0.01
71 P	Bromoform	50.000	43.682	12.6	75	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.01
73 T	Isopropylbenzene	50.000	49.616	0.8	83	0.01
74 T	N-ethyl acetate	50.000	47.917	4.2	77	0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	48.128	3.7	81	0.01
76 T	1,2,3-Trichloropropane	50.000	51.514	-3.0	90	0.01
77 T	Bromobenzene	50.000	45.621	8.8	78	0.01
78 T	n-propylbenzene	50.000	50.545	-1.1	84	0.01
79 T	2-Chlorotoluene	50.000	47.662	4.7	81	0.01
80 T	1,3,5-Trimethylbenzene	50.000	49.055	1.9	81	0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	46.927	6.1	78	0.00
82 T	4-Chlorotoluene	50.000	47.732	4.5	82	0.01
83 T	tert-Butylbenzene	50.000	50.657	-1.3	84	0.01
84 T	1,2,4-Trimethylbenzene	50.000	49.022	2.0	82	0.01
85 T	sec-Butylbenzene	50.000	50.389	-0.8	84	0.01
86 T	p-Isopropyltoluene	50.000	51.251	-2.5	84	0.01
87 T	1,3-Dichlorobenzene	50.000	46.090	7.8	79	0.00
88 T	1,4-Dichlorobenzene	50.000	45.885	8.2	78	0.01
89 T	n-Butylbenzene	50.000	52.028	-4.1	84	0.00
90 T	Hexachloroethane	50.000	46.664	6.7	80	0.01
91 T	1,2-Dichlorobenzene	50.000	45.417	9.2	76	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.697	10.6	77	0.01
93 T	1,2,4-Trichlorobenzene	50.000	46.034	7.9	74	0.01
94 T	Hexachlorobutadiene	50.000	47.504	5.0	82	0.01
95 T	Naphthalene	50.000	41.274	17.5	71	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.818	10.4	72	0.01

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