

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017216.D
 Acq On : 03 Feb 2024 05:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 03 05:37:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 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	84	0.02
2 T	Dichlorodifluoromethane	50.000	37.950	24.1	75	0.01
3 P	Chloromethane	50.000	43.936	12.1	82	0.00
4 C	Vinyl Chloride	50.000	41.542	16.9#	78	0.01
5 T	Bromomethane	50.000	45.848	8.3	88	0.01
6 T	Chloroethane	50.000	45.068	9.9	83	0.02
7 T	Trichlorofluoromethane	50.000	39.936	20.1	74	0.02
8 T	Diethyl Ether	50.000	47.779	4.4	83	0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	41.850	16.3	76	0.03
10 T	Methyl Iodide	50.000	43.155	13.7	74	0.02
11 T	Tert butyl alcohol	250.000	195.618	21.8	75	0.02
12 CM	1,1-Dichloroethene	50.000	45.201	9.6#	82	0.02
13 T	Acrolein	250.000	213.410	14.6	77	0.02
14 T	Allyl chloride	50.000	46.336	7.3	82	0.02
15 T	Acrylonitrile	250.000	237.382	5.0	84	0.03
16 T	Acetone	250.000	158.740	36.5#	62	0.02
17 T	Carbon Disulfide	50.000	45.778	8.4	82	0.02
18 T	Methyl Acetate	50.000	53.769	-7.5	86	0.02
19 T	Methyl tert-butyl Ether	50.000	47.012	6.0	82	0.02
20 T	Methylene Chloride	50.000	52.616	-5.2	91	0.02
21 T	trans-1,2-Dichloroethene	50.000	49.139	1.7	87	0.03
22 T	Diisopropyl ether	50.000	51.028	-2.1	88	0.02
23 T	Vinyl Acetate	250.000	227.520	9.0	80	0.02
24 P	1,1-Dichloroethane	50.000	48.547	2.9	87	0.02
25 T	2-Butanone	250.000	194.986	22.0	73	0.03
26 T	2,2-Dichloropropane	50.000	39.006	22.0	70	0.02
27 T	cis-1,2-Dichloroethene	50.000	49.883	0.2	88	0.02
28 T	Bromochloromethane	50.000	53.817	-7.6	84	0.02
29 T	Tetrahydrofuran	250.000	237.988	4.8	84	0.02
30 C	Chloroform	50.000	49.206	1.6#	88	0.02
31 T	Cyclohexane	50.000	41.382	17.2	77	0.02
32 T	1,1,1-Trichloroethane	50.000	46.464	7.1	83	0.02
33 S	1,2-Dichloroethane-d4	50.000	57.124	-14.2	92	0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.02
35 S	Dibromofluoromethane	50.000	55.457	-10.9	95	0.02
36 T	1,1-Dichloropropene	50.000	43.167	13.7	80	0.02
37 T	Ethyl Acetate	50.000	40.998	18.0	79	0.02
38 T	Carbon Tetrachloride	50.000	42.107	15.8	80	0.02
39 T	Methylcyclohexane	50.000	41.284	17.4	76	0.02
40 TM	Benzene	50.000	47.474	5.1	90	0.02
41 T	Methacrylonitrile	50.000	45.926	8.1	89	0.02
42 TM	1,2-Dichloroethane	50.000	45.233	9.5	85	0.02
43 T	Isopropyl Acetate	50.000	44.140	11.7	83	0.02
44 TM	Trichloroethene	50.000	46.259	7.5	86	0.02
45 C	1,2-Dichloropropane	50.000	47.604	4.8#	89	0.01
46 T	Dibromomethane	50.000	46.221	7.6	86	0.01
47 T	Bromodichloromethane	50.000	46.635	6.7	88	0.02
48 T	Methyl methacrylate	50.000	43.373	13.3	80	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	843.176	15.7	78	0.01
50 S	Toluene-d8	50.000	56.140	-12.3	93	0.02
51 T	4-Methyl-2-Pentanone	250.000	223.396	10.6	83	0.01
52 CM	Toluene	50.000	47.616	4.8#	88	0.01
53 T	t-1,3-Dichloropropene	50.000	44.668	10.7	82	0.01
54 T	cis-1,3-Dichloropropene	50.000	45.771	8.5	84	0.01
55 T	1,1,2-Trichloroethane	50.000	46.445	7.1	86	0.01
56 T	Ethyl methacrylate	50.000	42.582	14.8	83	0.01
57 T	1,3-Dichloropropane	50.000	46.991	6.0	87	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	253.624	-1.4	88	0.01
59 T	2-Hexanone	250.000	202.227	19.1	76	0.01
60 T	Dibromochloromethane	50.000	45.657	8.7	86	0.01
61 T	1,2-Dibromoethane	50.000	46.136	7.7	88	0.01
62 S	4-Bromofluorobenzene	50.000	55.072	-10.1	94	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.01
64 T	Tetrachloroethene	50.000	47.853	4.3	94	0.01
65 PM	Chlorobenzene	50.000	46.098	7.8	88	0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	45.644	8.7	88	0.01
67 C	Ethyl Benzene	50.000	45.968	8.1#	86	0.01
68 T	m/p-Xylenes	100.000	92.508	7.5	87	0.01
69 T	o-Xylene	50.000	47.406	5.2	88	0.01
70 T	Styrene	50.000	48.547	2.9	88	0.01
71 P	Bromoform	50.000	44.859	10.3	86	0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.01
73 T	Isopropylbenzene	50.000	45.421	9.2	85	0.01
74 T	N-amyl acetate	50.000	43.012	14.0	80	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	43.376	13.2	84	0.01
76 T	1,2,3-Trichloropropane	50.000	47.750	4.5	96	0.00
77 T	Bromobenzene	50.000	45.338	9.3	88	0.01
78 T	n-propylbenzene	50.000	45.443	9.1	85	0.01
79 T	2-Chlorotoluene	50.000	46.153	7.7	88	0.01
80 T	1,3,5-Trimethylbenzene	50.000	46.351	7.3	87	0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	38.701	22.6	74	0.01
82 T	4-Chlorotoluene	50.000	45.935	8.1	87	0.01
83 T	tert-Butylbenzene	50.000	46.242	7.5	86	0.01
84 T	1,2,4-Trimethylbenzene	50.000	46.381	7.2	86	0.00
85 T	sec-Butylbenzene	50.000	44.782	10.4	84	0.00
86 T	p-Isopropyltoluene	50.000	45.088	9.8	84	0.00
87 T	1,3-Dichlorobenzene	50.000	44.885	10.2	87	0.01
88 T	1,4-Dichlorobenzene	50.000	45.338	9.3	89	0.01
89 T	n-Butylbenzene	50.000	44.622	10.8	83	0.01
90 T	Hexachloroethane	50.000	44.702	10.6	87	0.00
91 T	1,2-Dichlorobenzene	50.000	45.426	9.1	88	0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	41.226	17.5	82	0.01
93 T	1,2,4-Trichlorobenzene	50.000	44.034	11.9	85	0.01
94 T	Hexachlorobutadiene	50.000	42.850	14.3	86	0.01
95 T	Naphthalene	50.000	41.447	17.1	85	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.701	10.6	89	0.00

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