

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030524\
 Data File : VY017578.D
 Acq On : 05 Mar 2024 17:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 05 22:07:27 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	82	0.00
2 T	Dichlorodifluoromethane	50.000	42.334	15.3	71	0.00
3 P	Chloromethane	50.000	42.106	15.8	70	0.00
4 C	Vinyl Chloride	50.000	43.050	13.9#	71	0.00
5 T	Bromomethane	50.000	46.278	7.4	78	0.00
6 T	Chloroethane	50.000	46.043	7.9	74	0.00
7 T	Trichlorofluoromethane	50.000	43.842	12.3	71	0.00
8 T	Diethyl Ether	50.000	44.685	10.6	69	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.102	9.8	72	0.00
10 T	Methyl Iodide	50.000	44.842	10.3	67	0.00
11 T	Tert butyl alcohol	250.000	169.894	32.0#	60	0.01
12 CM	1,1-Dichloroethene	50.000	45.163	9.7#	72	0.01
13 T	Acrolein	250.000	189.620	24.2	61	0.01
14 T	Allyl chloride	50.000	44.832	10.3	69	0.00
15 T	Acrylonitrile	250.000	228.221	8.7	69	0.00
16 T	Acetone	250.000	221.282	11.5	69	0.00
17 T	Carbon Disulfide	50.000	47.409	5.2	75	0.00
18 T	Methyl Acetate	50.000	49.352	1.3	73	0.00
19 T	Methyl tert-butyl Ether	50.000	44.628	10.7	67	0.00
20 T	Methylene Chloride	50.000	51.021	-2.0	78	0.01
21 T	trans-1,2-Dichloroethene	50.000	46.788	6.4	73	0.00
22 T	Diisopropyl ether	50.000	47.118	5.8	71	0.00
23 T	Vinyl Acetate	250.000	231.786	7.3	69	0.01
24 P	1,1-Dichloroethane	50.000	46.127	7.7	73	0.01
25 T	2-Butanone	250.000	227.488	9.0	68	0.01
26 T	2,2-Dichloropropane	50.000	43.208	13.6	69	0.01
27 T	cis-1,2-Dichloroethene	50.000	45.610	8.8	70	0.00
28 T	Bromochloromethane	50.000	50.031	-0.1	94	0.00
29 T	Tetrahydrofuran	250.000	236.259	5.5	69	0.00
30 C	Chloroform	50.000	46.186	7.6#	73	0.00
31 T	Cyclohexane	50.000	44.424	11.2	72	0.00
32 T	1,1,1-Trichloroethane	50.000	45.296	9.4	72	0.00
33 S	1,2-Dichloroethane-d4	50.000	41.317	17.4	68	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35 S	Dibromofluoromethane	50.000	42.137	15.7	69	0.01
36 T	1,1-Dichloropropene	50.000	46.647	6.7	72	0.00
37 T	Ethyl Acetate	50.000	44.980	10.0	68	0.00
38 T	Carbon Tetrachloride	50.000	46.576	6.8	71	0.00
39 T	Methylcyclohexane	50.000	47.227	5.5	71	0.00
40 TM	Benzene	50.000	47.358	5.3	73	0.00
41 T	Methacrylonitrile	50.000	50.709	-1.4	72	-0.01
42 TM	1,2-Dichloroethane	50.000	46.267	7.5	70	0.00
43 T	Isopropyl Acetate	50.000	46.711	6.6	68	0.00
44 TM	Trichloroethene	50.000	46.398	7.2	72	0.00
45 C	1,2-Dichloropropane	50.000	47.085	5.8#	72	0.00
46 T	Dibromomethane	50.000	46.626	6.7	71	0.00
47 T	Bromodichloromethane	50.000	47.462	5.1	72	0.00
48 T	Methyl methacrylate	50.000	45.925	8.2	66	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	949.674	5.0	70	0.00
50 S	Toluene-d8	50.000	44.739	10.5	69	0.00
51 T	4-Methyl-2-Pentanone	250.000	236.164	5.5	69	0.00
52 CM	Toluene	50.000	47.816	4.4#	73	0.00
53 T	t-1,3-Dichloropropene	50.000	46.368	7.3	68	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.044	5.9	71	0.00
55 T	1,1,2-Trichloroethane	50.000	46.610	6.8	71	0.00
56 T	Ethyl methacrylate	50.000	44.232	11.5	67	0.00
57 T	1,3-Dichloropropane	50.000	47.363	5.3	71	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	271.568	-8.6	94	0.00
59 T	2-Hexanone	250.000	243.204	2.7	68	0.00
60 T	Dibromochloromethane	50.000	48.363	3.3	72	0.00
61 T	1,2-Dibromoethane	50.000	47.446	5.1	71	0.00
62 S	4-Bromofluorobenzene	50.000	44.268	11.5	67	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64 T	Tetrachloroethene	50.000	44.925	10.2	72	0.00
65 PM	Chlorobenzene	50.000	46.189	7.6	72	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	45.965	8.1	72	0.00
67 C	Ethyl Benzene	50.000	46.754	6.5#	71	0.00
68 T	m/p-Xylenes	100.000	95.414	4.6	72	0.00
69 T	o-Xylene	50.000	47.485	5.0	71	0.00
70 T	Styrene	50.000	48.606	2.8	72	0.00
71 P	Bromoform	50.000	47.405	5.2	72	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	43.406	13.2	71	0.00
74 T	N-amyl acetate	50.000	43.906	12.2	68	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.989	8.0	75	0.00
76 T	1,2,3-Trichloropropane	50.000	47.479	5.0	81	0.00
77 T	Bromobenzene	50.000	43.544	12.9	73	0.00
78 T	n-propylbenzene	50.000	44.465	11.1	72	0.00
79 T	2-Chlorotoluene	50.000	43.424	13.2	72	0.00
80 T	1,3,5-Trimethylbenzene	50.000	44.717	10.6	72	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.730	12.5	71	0.00
82 T	4-Chlorotoluene	50.000	43.248	13.5	72	0.00
83 T	tert-Butylbenzene	50.000	44.813	10.4	72	0.00
84 T	1,2,4-Trimethylbenzene	50.000	44.575	10.8	72	0.00
85 T	sec-Butylbenzene	50.000	44.295	11.4	71	0.00
86 T	p-Isopropyltoluene	50.000	45.261	9.5	72	0.00
87 T	1,3-Dichlorobenzene	50.000	43.779	12.4	73	0.00
88 T	1,4-Dichlorobenzene	50.000	44.008	12.0	73	0.00
89 T	n-Butylbenzene	50.000	45.320	9.4	72	0.00
90 T	Hexachloroethane	50.000	43.441	13.1	73	0.00
91 T	1,2-Dichlorobenzene	50.000	44.660	10.7	73	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	43.046	13.9	72	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.766	8.5	72	0.00
94 T	Hexachlorobutadiene	50.000	44.840	10.3	75	0.00
95 T	Naphthalene	50.000	41.124	17.8	69	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.941	8.1	72	0.00

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