

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040622\
 Data File : VY008223.D
 Acq On : 06 Apr 2022 10:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 07 02:08:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 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	83	0.00
2 T	Dichlorodifluoromethane	50.000	41.719	16.6	64	0.00
3 P	Chloromethane	50.000	46.610	6.8	73	0.00
4 C	Vinyl Chloride	50.000	46.579	6.8#	72	0.00
5 T	Bromomethane	50.000	46.307	7.4	77	0.00
6 T	Chloroethane	50.000	49.772	0.5	79	0.00
7 T	Trichlorofluoromethane	50.000	43.419	13.2	70	0.00
8 T	Diethyl Ether	50.000	46.766	6.5	73	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.254	9.5	71	0.00
10 T	Methyl Iodide	50.000	44.576	10.8	69	0.00
11 T	Tert butyl alcohol	250.000	206.926	17.2	63	0.00
12 CM	1,1-Dichloroethene	50.000	44.924	10.2#	72	0.00
13 T	Acrolein	250.000	220.467	11.8	75	0.00
14 T	Allyl chloride	50.000	45.373	9.3	70	0.00
15 T	Acrylonitrile	250.000	241.112	3.6	74	0.00
16 T	Acetone	250.000	263.462	-5.4	77	0.00
17 T	Carbon Disulfide	50.000	42.657	14.7	66	0.00
18 T	Methyl Acetate	50.000	46.248	7.5	71	0.00
19 T	Methyl tert-butyl Ether	50.000	46.712	6.6	73	0.00
20 T	Methylene Chloride	50.000	50.571	-1.1	79	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.212	7.6	73	0.00
22 T	Diisopropyl ether	50.000	48.055	3.9	74	0.00
23 T	Vinyl Acetate	250.000	253.288	-1.3	72	0.00
24 P	1,1-Dichloroethane	50.000	47.642	4.7	74	0.00
25 T	2-Butanone	250.000	245.672	1.7	73	0.00
26 T	2,2-Dichloropropane	50.000	46.701	6.6	72	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.135	5.7	75	0.00
28 T	Bromochloromethane	50.000	45.491	9.0	72	0.00
29 T	Tetrahydrofuran	250.000	232.559	7.0	70	0.00
30 C	Chloroform	50.000	48.250	3.5#	76	0.00
31 T	Cyclohexane	50.000	41.157	17.7	68	0.00
32 T	1,1,1-Trichloroethane	50.000	46.852	6.3	73	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.351	11.3	71	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35 S	Dibromofluoromethane	50.000	47.845	4.3	75	0.00
36 T	1,1-Dichloropropene	50.000	46.861	6.3	71	0.00
37 T	Ethyl Acetate	50.000	49.090	1.8	72	0.00
38 T	Carbon Tetrachloride	50.000	46.348	7.3	70	0.00
39 T	Methylcyclohexane	50.000	44.169	11.7	68	0.00
40 TM	Benzene	50.000	48.429	3.1	74	0.00
41 T	Methacrylonitrile	50.000	50.962	-1.9	83	0.00
42 TM	1,2-Dichloroethane	50.000	48.131	3.7	74	0.00
43 T	Isopropyl Acetate	50.000	46.704	6.6	70	0.00
44 TM	Trichloroethene	50.000	48.332	3.3	75	0.00
45 C	1,2-Dichloropropane	50.000	49.198	1.6#	75	0.00
46 T	Dibromomethane	50.000	48.873	2.3	74	0.00
47 T	Bromodichloromethane	50.000	49.100	1.8	74	0.00
48 T	Methyl methacrylate	50.000	45.390	9.2	67	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	891.297	10.9	64	0.00
50 S	Toluene-d8	50.000	46.813	6.4	73	0.00
51 T	4-Methyl-2-Pentanone	250.000	245.319	1.9	72	0.00
52 CM	Toluene	50.000	49.313	1.4#	73	0.00
53 T	t-1,3-Dichloropropene	50.000	49.232	1.5	73	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.960	2.1	73	0.00
55 T	1,1,2-Trichloroethane	50.000	50.513	-1.0	75	0.00
56 T	Ethyl methacrylate	50.000	48.956	2.1	70	0.00
57 T	1,3-Dichloropropane	50.000	49.568	0.9	74	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	218.558	12.6	72	0.00
59 T	2-Hexanone	250.000	254.186	-1.7	73	0.00
60 T	Dibromochloromethane	50.000	50.218	-0.4	74	0.00
61 T	1,2-Dibromoethane	50.000	49.138	1.7	72	0.00
62 S	4-Bromofluorobenzene	50.000	45.985	8.0	71	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64 T	Tetrachloroethene	50.000	46.941	6.1	75	0.00
65 PM	Chlorobenzene	50.000	48.790	2.4	74	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.445	-0.9	76	0.00
67 C	Ethyl Benzene	50.000	48.167	3.7#	73	0.00
68 T	m/p-Xylenes	100.000	98.664	1.3	74	0.00
69 T	o-Xylene	50.000	49.121	1.8	73	0.00
70 T	Styrene	50.000	50.199	-0.4	74	0.00
71 P	Bromoform	50.000	50.878	-1.8	74	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73 T	Isopropylbenzene	50.000	46.112	7.8	73	0.00
74 T	N-amyl acetate	50.000	45.476	9.0	72	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.335	3.3	75	0.00
76 T	1,2,3-Trichloropropane	50.000	47.464	5.1	78	0.00
77 T	Bromobenzene	50.000	48.113	3.8	75	0.00
78 T	n-propylbenzene	50.000	46.094	7.8	74	0.00
79 T	2-Chlorotoluene	50.000	46.013	8.0	73	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.231	7.5	73	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.373	7.3	71	0.00
82 T	4-Chlorotoluene	50.000	45.990	8.0	73	0.00
83 T	tert-Butylbenzene	50.000	46.887	6.2	73	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.135	5.7	75	0.00
85 T	sec-Butylbenzene	50.000	46.545	6.9	73	0.00
86 T	p-Isopropyltoluene	50.000	47.536	4.9	74	0.00
87 T	1,3-Dichlorobenzene	50.000	48.804	2.4	75	0.00
88 T	1,4-Dichlorobenzene	50.000	48.083	3.8	75	0.00
89 T	n-Butylbenzene	50.000	46.278	7.4	74	0.00
90 T	Hexachloroethane	50.000	45.407	9.2	71	0.00
91 T	1,2-Dichlorobenzene	50.000	49.427	1.1	76	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	43.013	14.0	68	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.875	4.3	76	0.00
94 T	Hexachlorobutadiene	50.000	46.026	7.9	76	0.00
95 T	Naphthalene	50.000	47.452	5.1	74	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.832	4.3	76	0.00

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