

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052622\
 Data File : VY009107.D
 Acq On : 26 May 2022 10:35
 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: May 27 03:21:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 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	70	0.00
2 T	Dichlorodifluoromethane	50.000	49.013	2.0	65	0.00
3 P	Chloromethane	50.000	53.545	-7.1	71	0.00
4 C	Vinyl Chloride	50.000	51.293	-2.6#	69	0.00
5 T	Bromomethane	50.000	41.660	16.7	67	0.00
6 T	Chloroethane	50.000	49.931	0.1	70	0.00
7 T	Trichlorofluoromethane	50.000	47.174	5.7	65	0.00
8 T	Diethyl Ether	50.000	45.922	8.2	65	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.199	3.6	65	0.00
10 T	Methyl Iodide	50.000	51.187	-2.4	61	0.00
11 T	Tert butyl alcohol	250.000	208.584	16.6	60	0.00
12 CM	1,1-Dichloroethene	50.000	47.312	5.4#	65	0.00
13 T	Acrolein	250.000	128.841	48.5#	67	0.00
14 T	Allyl chloride	50.000	47.338	5.3	64	0.00
15 T	Acrylonitrile	250.000	225.554	9.8	63	0.00
16 T	Acetone	250.000	260.739	-4.3	74	0.00
17 T	Carbon Disulfide	50.000	46.562	6.9	63	0.00
18 T	Methyl Acetate	50.000	44.052	11.9	61	0.00
19 T	Methyl tert-butyl Ether	50.000	45.709	8.6	63	0.00
20 T	Methylene Chloride	50.000	45.001	10.0	62	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.135	7.7	65	0.00
22 T	Diisopropyl ether	50.000	46.970	6.1	64	0.00
23 T	Vinyl Acetate	250.000	237.252	5.1	62	0.00
24 P	1,1-Dichloroethane	50.000	46.612	6.8	64	0.00
25 T	2-Butanone	250.000	238.449	4.6	64	0.00
26 T	2,2-Dichloropropane	50.000	48.374	3.3	67	0.00
27 T	cis-1,2-Dichloroethene	50.000	45.537	8.9	62	0.00
28 T	Bromochloromethane	50.000	46.122	7.8	66	0.00
29 T	Tetrahydrofuran	250.000	224.947	10.0	60	0.00
30 C	Chloroform	50.000	45.849	8.3#	63	0.00
31 T	Cyclohexane	50.000	44.446	11.1	62	0.00
32 T	1,1,1-Trichloroethane	50.000	46.141	7.7	62	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.336	7.3	83	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	67	0.00
35 S	Dibromofluoromethane	50.000	51.391	-2.8	82	0.00
36 T	1,1-Dichloropropene	50.000	48.330	3.3	63	0.00
37 T	Ethyl Acetate	50.000	46.933	6.1	62	0.00
38 T	Carbon Tetrachloride	50.000	47.390	5.2	61	0.00
39 T	Methylcyclohexane	50.000	47.594	4.8	59	0.00
40 TM	Benzene	50.000	47.810	4.4	61	0.00
41 T	Methacrylonitrile	50.000	46.288	7.4	58	0.00
42 TM	1,2-Dichloroethane	50.000	48.787	2.4	63	0.00
43 T	Isopropyl Acetate	50.000	48.855	2.3	62	0.00
44 TM	Trichloroethene	50.000	46.416	7.2	60	0.00
45 C	1,2-Dichloropropane	50.000	49.063	1.9#	62	0.00
46 T	Dibromomethane	50.000	47.690	4.6	61	0.00
47 T	Bromodichloromethane	50.000	48.402	3.2	62	0.00
48 T	Methyl methacrylate	50.000	50.992	-2.0	62	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	911.943	8.8	59	0.00
50 S	Toluene-d8	50.000	45.680	8.6	79	0.00
51 T	4-Methyl-2-Pentanone	250.000	246.722	1.3	61	0.00
52 CM	Toluene	50.000	47.820	4.4#	59	0.00
53 T	t-1,3-Dichloropropene	50.000	48.796	2.4	60	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.997	2.0	63	0.00
55 T	1,1,2-Trichloroethane	50.000	46.564	6.9	59	0.00
56 T	Ethyl methacrylate	50.000	48.720	2.6	59	0.00
57 T	1,3-Dichloropropane	50.000	48.741	2.5	61	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	253.944	-1.6	63	0.00
59 T	2-Hexanone	250.000	257.739	-3.1	61	0.00
60 T	Dibromochloromethane	50.000	46.711	6.6	58	0.00
61 T	1,2-Dibromoethane	50.000	46.545	6.9	58	0.00
62 S	4-Bromofluorobenzene	50.000	57.337	-14.7	72	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	66	0.00
64 T	Tetrachloroethene	50.000	45.334	9.3	59	0.00
65 PM	Chlorobenzene	50.000	45.119	9.8	58	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.789	6.4	58	0.00
67 C	Ethyl Benzene	50.000	48.064	3.9#	59	0.00
68 T	m/p-Xylenes	100.000	99.114	0.9	58	0.00
69 T	o-Xylene	50.000	48.996	2.0	58	0.00
70 T	Styrene	50.000	49.421	1.2	56	0.00
71 P	Bromoform	50.000	46.402	7.2	56	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	67	0.00
73 T	Isopropylbenzene	50.000	43.292	13.4	58	0.00
74 T	N-amyl acetate	50.000	47.519	5.0	63	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	41.413	17.2	58	0.00
76 T	1,2,3-Trichloropropane	50.000	44.404	11.2	58	0.00
77 T	Bromobenzene	50.000	41.271	17.5	57	0.00
78 T	n-propylbenzene	50.000	47.713	4.6	94	0.00
79 T	2-Chlorotoluene	50.000	44.138	11.7	58	0.00
80 T	1,3,5-Trimethylbenzene	50.000	45.502	9.0	58	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.490	13.0	59	0.00
82 T	4-Chlorotoluene	50.000	46.297	7.4	58	0.00
83 T	tert-Butylbenzene	50.000	44.425	11.2	57	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.685	6.6	58	0.00
85 T	sec-Butylbenzene	50.000	46.600	6.8	58	0.00
86 T	p-Isopropyltoluene	50.000	47.626	4.7	59	0.00
87 T	1,3-Dichlorobenzene	50.000	45.332	9.3	58	0.00
88 T	1,4-Dichlorobenzene	50.000	44.603	10.8	58	0.00
89 T	n-Butylbenzene	50.000	47.924	4.2	61	0.00
90 T	Hexachloroethane	50.000	45.397	9.2	60	0.00
91 T	1,2-Dichlorobenzene	50.000	44.992	10.0	59	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	39.765	20.5	53	0.00
93 T	1,2,4-Trichlorobenzene	50.000	40.568	18.9	56	0.00
94 T	Hexachlorobutadiene	50.000	41.054	17.9	57	0.00
95 T	Naphthalene	50.000	40.147	19.7	54	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	40.186	19.6	56	0.00

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