

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060722\
 Data File : VY009158.D
 Acq On : 07 Jun 2022 11:05
 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: Jun 07 12:22:48 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	84	0.00
2 T	Dichlorodifluoromethane	50.000	45.566	8.9	73	0.00
3 P	Chloromethane	50.000	54.321	-8.6	86	0.00
4 C	Vinyl Chloride	50.000	53.219	-6.4#	85	0.00
5 T	Bromomethane	50.000	46.387	7.2	90	0.00
6 T	Chloroethane	50.000	54.273	-8.5	91	0.00
7 T	Trichlorofluoromethane	50.000	49.285	1.4	81	0.00
8 T	Diethyl Ether	50.000	51.372	-2.7	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.381	3.2	78	0.00
10 T	Methyl Iodide	50.000	52.507	-5.0	75	0.00
11 T	Tert butyl alcohol	250.000	227.398	9.0	78	0.00
12 CM	1,1-Dichloroethene	50.000	47.938	4.1#	79	0.00
13 T	Acrolein	250.000	97.967	60.8#	61	0.00
14 T	Allyl chloride	50.000	48.733	2.5	78	0.00
15 T	Acrylonitrile	250.000	231.961	7.2	78	0.00
16 T	Acetone	250.000	273.949	-9.6	93	0.00
17 T	Carbon Disulfide	50.000	44.832	10.3	72	0.00
18 T	Methyl Acetate	50.000	47.341	5.3	78	0.00
19 T	Methyl tert-butyl Ether	50.000	48.189	3.6	79	0.00
20 T	Methylene Chloride	50.000	45.251	9.5	74	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.176	7.6	77	0.00
22 T	Diisopropyl ether	50.000	49.078	1.8	80	0.00
23 T	Vinyl Acetate	250.000	247.586	1.0	78	0.00
24 P	1,1-Dichloroethane	50.000	48.072	3.9	79	0.00
25 T	2-Butanone	250.000	248.842	0.5	80	0.00
26 T	2,2-Dichloropropane	50.000	50.253	-0.5	83	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.382	3.2	78	0.00
28 T	Bromochloromethane	50.000	41.975	16.0	72	0.00
29 T	Tetrahydrofuran	250.000	233.941	6.4	75	0.00
30 C	Chloroform	50.000	48.210	3.6#	79	0.00
31 T	Cyclohexane	50.000	42.516	15.0	71	0.00
32 T	1,1,1-Trichloroethane	50.000	46.741	6.5	75	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.508	9.0	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35 S	Dibromofluoromethane	50.000	49.041	1.9	97	0.00
36 T	1,1-Dichloropropene	50.000	45.737	8.5	74	0.00
37 T	Ethyl Acetate	50.000	46.303	7.4	76	0.00
38 T	Carbon Tetrachloride	50.000	45.649	8.7	74	0.00
39 T	Methylcyclohexane	50.000	42.997	14.0	67	0.00
40 TM	Benzene	50.000	46.902	6.2	75	0.00
41 T	Methacrylonitrile	50.000	42.781	14.4	67	-0.01
42 TM	1,2-Dichloroethane	50.000	48.142	3.7	78	0.00
43 T	Isopropyl Acetate	50.000	48.908	2.2	77	0.00
44 TM	Trichloroethene	50.000	45.472	9.1	73	0.00
45 C	1,2-Dichloropropane	50.000	48.355	3.3#	76	0.00
46 T	Dibromomethane	50.000	47.784	4.4	76	0.00
47 T	Bromodichloromethane	50.000	48.394	3.2	78	0.00
48 T	Methyl methacrylate	50.000	46.957	6.1	71	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	888.711	11.1	71	0.01
50 S	Toluene-d8	50.000	42.434	15.1	91	0.00
51 T	4-Methyl-2-Pentanone	250.000	246.615	1.4	75	0.00
52 CM	Toluene	50.000	47.461	5.1#	73	0.00
53 T	t-1,3-Dichloropropene	50.000	49.934	0.1	77	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.645	2.7	77	0.00
55 T	1,1,2-Trichloroethane	50.000	47.409	5.2	74	0.00
56 T	Ethyl methacrylate	50.000	48.539	2.9	73	0.00
57 T	1,3-Dichloropropane	50.000	48.106	3.8	75	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	206.064	17.6	64	0.00
59 T	2-Hexanone	250.000	258.384	-3.4	77	0.00
60 T	Dibromochloromethane	50.000	48.435	3.1	75	0.00
61 T	1,2-Dibromoethane	50.000	46.782	6.4	72	0.00
62 S	4-Bromofluorobenzene	50.000	56.902	-13.8	89	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64 T	Tetrachloroethene	50.000	44.351	11.3	71	0.00
65 PM	Chlorobenzene	50.000	46.277	7.4	73	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.277	1.4	76	0.00
67 C	Ethyl Benzene	50.000	48.237	3.5#	73	0.00
68 T	m/p-Xylenes	100.000	98.781	1.2	71	0.00
69 T	o-Xylene	50.000	50.158	-0.3	73	0.00
70 T	Styrene	50.000	51.010	-2.0	71	0.00
71 P	Bromoform	50.000	49.283	1.4	73	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73 T	Isopropylbenzene	50.000	43.501	13.0	72	0.00
74 T	N-amyl acetate	50.000	48.809	2.4	80	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	41.827	16.3	72	0.00
76 T	1,2,3-Trichloropropane	50.000	46.312	7.4	75	0.00
77 T	Bromobenzene	50.000	41.903	16.2	71	0.00
78 T	n-propylbenzene	50.000	47.004	6.0	115	0.00
79 T	2-Chlorotoluene	50.000	44.203	11.6	72	0.00
80 T	1,3,5-Trimethylbenzene	50.000	45.560	8.9	72	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.967	12.1	74	0.00
82 T	4-Chlorotoluene	50.000	46.467	7.1	72	0.00
83 T	tert-Butylbenzene	50.000	40.919	18.2	65	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.059	7.9	71	0.00
85 T	sec-Butylbenzene	50.000	45.752	8.5	71	0.00
86 T	p-Isopropyltoluene	50.000	47.440	5.1	73	0.00
87 T	1,3-Dichlorobenzene	50.000	45.401	9.2	72	0.00
88 T	1,4-Dichlorobenzene	50.000	45.514	9.0	73	0.00
89 T	n-Butylbenzene	50.000	46.834	6.3	74	0.00
90 T	Hexachloroethane	50.000	44.164	11.7	72	0.00
91 T	1,2-Dichlorobenzene	50.000	45.519	9.0	74	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	39.934	20.1	67	0.00
93 T	1,2,4-Trichlorobenzene	50.000	41.206	17.6	70	0.00
94 T	Hexachlorobutadiene	50.000	39.606	20.8	68	0.00
95 T	Naphthalene	50.000	40.913	18.2	68	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	40.737	18.5	70	0.00

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