

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009021.D
 Acq On : 23 May 2022 21:18
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 24 01:51:36 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	71	0.00
2 T	Dichlorodifluoromethane	50.000	52.939	-5.9	72	0.00
3 P	Chloromethane	50.000	61.562	-23.1	84	0.00
4 C	Vinyl Chloride	50.000	61.736	-23.5#	85	0.00
5 T	Bromomethane	50.000	50.523	-1.0	83	0.00
6 T	Chloroethane	50.000	60.300	-20.6	87	0.00
7 T	Trichlorofluoromethane	50.000	54.341	-8.7	76	0.00
8 T	Diethyl Ether	50.000	51.584	-3.2	74	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.082	-6.2	73	0.00
10 T	Methyl Iodide	50.000	56.036	-12.1	68	0.00
11 T	Tert butyl alcohol	250.000	231.387	7.4	68	0.00
12 CM	1,1-Dichloroethene	50.000	52.925	-5.8#	74	0.00
13 T	Acrolein	250.000	120.168	51.9#	64	0.00
14 T	Allyl chloride	50.000	53.189	-6.4	73	0.00
15 T	Acrylonitrile	250.000	259.179	-3.7	74	0.00
16 T	Acetone	250.000	251.039	-0.4	73	0.00
17 T	Carbon Disulfide	50.000	52.361	-4.7	72	0.00
18 T	Methyl Acetate	50.000	53.738	-7.5	76	0.00
19 T	Methyl tert-butyl Ether	50.000	52.013	-4.0	73	0.00
20 T	Methylene Chloride	50.000	55.673	-11.3	76	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.608	-5.2	75	0.00
22 T	Diisopropyl ether	50.000	54.104	-8.2	75	0.00
23 T	Vinyl Acetate	250.000	274.562	-9.8	74	0.00
24 P	1,1-Dichloroethane	50.000	53.059	-6.1	75	0.00
25 T	2-Butanone	250.000	262.906	-5.2	73	0.00
26 T	2,2-Dichloropropane	50.000	49.866	0.3	70	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.426	-4.9	73	0.00
28 T	Bromochloromethane	50.000	53.989	-8.0	79	0.00
29 T	Tetrahydrofuran	250.000	267.934	-7.2	73	0.00
30 C	Chloroform	50.000	52.970	-5.9#	74	0.00
31 T	Cyclohexane	50.000	50.531	-1.1	72	0.00
32 T	1,1,1-Trichloroethane	50.000	52.918	-5.8	73	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.453	11.1	81	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	71	0.00
35 S	Dibromofluoromethane	50.000	46.686	6.6	79	0.00
36 T	1,1-Dichloropropene	50.000	52.274	-4.5	72	0.00
37 T	Ethyl Acetate	50.000	52.871	-5.7	74	0.00
38 T	Carbon Tetrachloride	50.000	52.012	-4.0	72	0.00
39 T	Methylcyclohexane	50.000	53.184	-6.4	70	0.00
40 TM	Benzene	50.000	53.398	-6.8	73	0.00
41 T	Methacrylonitrile	50.000	57.445	-14.9	76	0.00
42 TM	1,2-Dichloroethane	50.000	54.100	-8.2	74	0.00
43 T	Isopropyl Acetate	50.000	55.590	-11.2	75	0.00
44 TM	Trichloroethene	50.000	52.394	-4.8	72	0.00
45 C	1,2-Dichloropropane	50.000	55.009	-10.0#	74	0.00
46 T	Dibromomethane	50.000	53.938	-7.9	73	0.00
47 T	Bromodichloromethane	50.000	54.452	-8.9	74	0.00
48 T	Methyl methacrylate	50.000	56.251	-12.5	73	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	1090.544	-9.1	74	0.00
50 S	Toluene-d8	50.000	42.321	15.4	78	0.00
51 T	4-Methyl-2-Pentanone	250.000	286.980	-14.8	75	0.00
52 CM	Toluene	50.000	54.726	-9.5#	71	0.00
53 T	t-1,3-Dichloropropene	50.000	54.815	-9.6	72	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.145	-8.3	73	0.00
55 T	1,1,2-Trichloroethane	50.000	53.629	-7.3	72	0.00
56 T	Ethyl methacrylate	50.000	55.934	-11.9	71	0.00
57 T	1,3-Dichloropropane	50.000	55.245	-10.5	73	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	259.017	-3.6	68	0.00
59 T	2-Hexanone	250.000	287.869	-15.1	73	0.00
60 T	Dibromochloromethane	50.000	54.237	-8.5	72	0.00
61 T	1,2-Dibromoethane	50.000	53.670	-7.3	71	0.00
62 S	4-Bromofluorobenzene	50.000	55.968	-11.9	75	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	72	0.00
64 T	Tetrachloroethene	50.000	51.405	-2.8	72	0.00
65 PM	Chlorobenzene	50.000	51.970	-3.9	72	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.930	-5.9	71	0.00
67 C	Ethyl Benzene	50.000	54.022	-8.0#	71	0.00
68 T	m/p-Xylenes	100.000	112.090	-12.1	71	0.00
69 T	o-Xylene	50.000	56.208	-12.4	72	0.00
70 T	Styrene	50.000	57.655	-15.3	71	0.00
71 P	Bromoform	50.000	55.489	-11.0	72	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	74	0.00
73 T	Isopropylbenzene	50.000	47.680	4.6	71	0.00
74 T	N-amyl acetate	50.000	52.018	-4.0	76	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.372	7.3	72	0.00
76 T	1,2,3-Trichloropropane	50.000	46.425	7.2	67	0.00
77 T	Bromobenzene	50.000	46.393	7.2	71	0.00
78 T	n-propylbenzene	50.000	52.099	-4.2	114	0.00
79 T	2-Chlorotoluene	50.000	48.727	2.5	71	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.467	-0.9	71	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.435	5.1	72	0.00
82 T	4-Chlorotoluene	50.000	51.023	-2.0	71	0.00
83 T	tert-Butylbenzene	50.000	50.571	-1.1	72	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.149	-4.3	72	0.00
85 T	sec-Butylbenzene	50.000	49.372	1.3	69	0.00
86 T	p-Isopropyltoluene	50.000	52.693	-5.4	72	0.00
87 T	1,3-Dichlorobenzene	50.000	51.141	-2.3	73	0.00
88 T	1,4-Dichlorobenzene	50.000	50.715	-1.4	73	0.00
89 T	n-Butylbenzene	50.000	52.228	-4.5	74	0.00
90 T	Hexachloroethane	50.000	49.428	1.1	72	0.00
91 T	1,2-Dichlorobenzene	50.000	50.993	-2.0	74	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.637	8.7	68	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.335	9.3	69	0.00
94 T	Hexachlorobutadiene	50.000	45.744	8.5	71	0.00
95 T	Naphthalene	50.000	46.931	6.1	70	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.525	9.0	70	0.00

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