

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010233.D
 Acq On : 31 Aug 2022 09:59
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 31 14:44:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 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	99	0.00
2 T	Dichlorodifluoromethane	50.000	47.812	4.4	102	0.00
3 P	Chloromethane	50.000	46.763	6.5	97	0.00
4 C	Vinyl Chloride	50.000	48.632	2.7#	96	0.00
5 T	Bromomethane	50.000	44.216	11.6	96	0.00
6 T	Chloroethane	50.000	49.324	1.4	98	0.00
7 T	Trichlorofluoromethane	50.000	49.244	1.5	97	0.00
8 T	Diethyl Ether	50.000	47.203	5.6	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.025	2.0	98	0.00
10 T	Methyl Iodide	50.000	48.438	3.1	96	0.00
11 T	Tert butyl alcohol	250.000	228.922	8.4	99	0.00
12 CM	1,1-Dichloroethene	50.000	46.274	7.5#	94	0.00
13 T	Acrolein	250.000	248.685	0.5	94	0.00
14 T	Allyl chloride	50.000	47.095	5.8	96	0.00
15 T	Acrylonitrile	250.000	235.597	5.8	95	0.00
16 T	Acetone	250.000	257.670	-3.1	105	0.00
17 T	Carbon Disulfide	50.000	44.636	10.7	92	0.00
18 T	Methyl Acetate	50.000	44.798	10.4	91	0.00
19 T	Methyl tert-butyl Ether	50.000	48.797	2.4	96	0.00
20 T	Methylene Chloride	50.000	47.862	4.3	101	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.583	4.8	95	0.00
22 T	Diisopropyl ether	50.000	47.556	4.9	94	0.00
23 T	Vinyl Acetate	250.000	240.126	3.9	93	0.00
24 P	1,1-Dichloroethane	50.000	47.589	4.8	96	0.00
25 T	2-Butanone	250.000	219.781	12.1	96	0.00
26 T	2,2-Dichloropropane	50.000	50.179	-0.4	103	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.080	5.8	96	0.00
28 T	Bromochloromethane	50.000	49.882	0.2	96	0.00
29 T	Tetrahydrofuran	250.000	218.240	12.7	90	0.00
30 C	Chloroform	50.000	46.768	6.5#	96	0.00
31 T	Cyclohexane	50.000	42.879	14.2	92	0.00
32 T	1,1,1-Trichloroethane	50.000	49.193	1.6	98	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.173	1.7	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	49.190	1.6	90	0.00
36 T	1,1-Dichloropropene	50.000	49.180	1.6	95	0.00
37 T	Ethyl Acetate	50.000	46.494	7.0	93	0.00
38 T	Carbon Tetrachloride	50.000	51.718	-3.4	98	0.00
39 T	Methylcyclohexane	50.000	47.706	4.6	94	0.00
40 TM	Benzene	50.000	48.400	3.2	95	0.00
41 T	Methacrylonitrile	50.000	43.562	12.9	87	0.01
42 TM	1,2-Dichloroethane	50.000	49.516	1.0	95	0.00
43 T	Isopropyl Acetate	50.000	44.897	10.2	92	0.00
44 TM	Trichloroethene	50.000	48.737	2.5	95	0.00
45 C	1,2-Dichloropropane	50.000	45.121	9.8#	95	0.00
46 T	Dibromomethane	50.000	47.328	5.3	94	0.00
47 T	Bromodichloromethane	50.000	49.250	1.5	96	0.00
48 T	Methyl methacrylate	50.000	46.486	7.0	92	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	1020.340	-2.0	101	0.00
50 S	Toluene-d8	50.000	50.705	-1.4	91	0.00
51 T	4-Methyl-2-Pentanone	250.000	223.387	10.6	91	0.00
52 CM	Toluene	50.000	48.823	2.4#	95	0.00
53 T	t-1,3-Dichloropropene	50.000	46.641	6.7	96	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.275	3.5	96	0.00
55 T	1,1,2-Trichloroethane	50.000	52.652	-5.3	111	0.00
56 T	Ethyl methacrylate	50.000	45.344	9.3	94	0.00
57 T	1,3-Dichloropropane	50.000	54.638	-9.3	117	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	217.329	13.1	94	0.00
59 T	2-Hexanone	250.000	274.310	-9.7	120	0.00
60 T	Dibromochloromethane	50.000	58.533	-17.1	118	0.00
61 T	1,2-Dibromoethane	50.000	55.207	-10.4	116	0.00
62 S	4-Bromofluorobenzene	50.000	55.309	-10.6	107	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	114	0.00
64 T	Tetrachloroethene	50.000	48.542	2.9	107	0.00
65 PM	Chlorobenzene	50.000	49.987	0.0	115	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.650	-1.3	111	0.00
67 C	Ethyl Benzene	50.000	51.384	-2.8#	116	0.00
68 T	m/p-Xylenes	100.000	102.752	-2.8	116	0.00
69 T	o-Xylene	50.000	52.022	-4.0	114	0.00
70 T	Styrene	50.000	52.152	-4.3	113	0.00
71 P	Bromoform	50.000	52.486	-5.0	112	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	111	0.00
73 T	Isopropylbenzene	50.000	52.172	-4.3	115	0.00
74 T	N-amyl acetate	50.000	56.531	-13.1	139	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.085	1.8	119	0.00
76 T	1,2,3-Trichloropropane	50.000	51.952	-3.9	124	0.00
77 T	Bromobenzene	50.000	50.578	-1.2	109	0.00
78 T	n-propylbenzene	50.000	52.586	-5.2	118	0.00
79 T	2-Chlorotoluene	50.000	51.924	-3.8	115	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.695	-1.4	111	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.835	-3.7	122	0.00
82 T	4-Chlorotoluene	50.000	50.484	-1.0	114	0.00
83 T	tert-Butylbenzene	50.000	50.953	-1.9	111	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.544	-3.1	114	0.00
85 T	sec-Butylbenzene	50.000	52.547	-5.1	118	0.00
86 T	p-Isopropyltoluene	50.000	52.261	-4.5	113	0.00
87 T	1,3-Dichlorobenzene	50.000	50.158	-0.3	113	0.00
88 T	1,4-Dichlorobenzene	50.000	49.506	1.0	111	0.00
89 T	n-Butylbenzene	50.000	51.535	-3.1	111	0.00
90 T	Hexachloroethane	50.000	48.633	2.7	98	0.00
91 T	1,2-Dichlorobenzene	50.000	49.857	0.3	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.028	7.9	93	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.126	1.7	99	0.00
94 T	Hexachlorobutadiene	50.000	48.796	2.4	102	0.00
95 T	Naphthalene	50.000	48.983	2.0	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.203	3.6	97	0.00

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