

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U053122\
 Data File : U048755.D
 Acq On : 31 May 2022 21:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 01 02:24:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	106	0.00
2 T	Dichlorodifluoromethane	50.000	46.505	7.0	106	0.00
3 P	Chloromethane	50.000	45.234	9.5	105	0.00
4 C	Vinyl Chloride	50.000	49.909	0.2#	110	0.00
5 T	Bromomethane	50.000	41.672	16.7	88	-0.01
6 T	Chloroethane	50.000	53.703	-7.4	109	-0.01
7 T	Trichlorofluoromethane	50.000	47.340	5.3	105	0.00
8 T	Diethyl Ether	50.000	49.126	1.7	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.300	5.4	108	0.00
10 T	Methyl Iodide	50.000	45.262	9.5	93	0.00
11 T	Tert butyl alcohol	250.000	281.400	-12.6	136	0.00
12 CM	1,1-Dichloroethene	50.000	49.295	1.4#	110	0.00
13 T	Acrolein	250.000	164.002	34.4#	73	0.00
14 T	Allyl chloride	50.000	52.358	-4.7	120	0.00
15 T	Acrylonitrile	250.000	282.517	-13.0	123	0.00
16 T	Acetone	250.000	257.428	-3.0	121	0.00
17 T	Carbon Disulfide	50.000	45.914	8.2	108	0.00
18 T	Methyl Acetate	50.000	58.436	-16.9	134	0.00
19 T	Methyl tert-butyl Ether	50.000	52.783	-5.6	114	0.00
20 T	Methylene Chloride	50.000	51.166	-2.3	118	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.161	3.7	109	0.00
22 T	Diisopropyl ether	50.000	57.348	-14.7	121	0.00
23 T	Vinyl Acetate	250.000	286.943	-14.8	118	0.00
24 P	1,1-Dichloroethane	50.000	52.050	-4.1	115	0.00
25 T	2-Butanone	250.000	287.380	-15.0	125	0.00
26 T	2,2-Dichloropropane	50.000	37.538	24.9#	85	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.229	-0.5	114	0.00
28 T	Bromochloromethane	50.000	56.002	-12.0	116	0.00
29 T	Tetrahydrofuran	250.000	292.741	-17.1	125	0.00
30 C	Chloroform	50.000	51.166	-2.3#	112	0.00
31 T	Cyclohexane	50.000	50.059	-0.1	112	0.00
32 T	1,1,1-Trichloroethane	50.000	49.459	1.1	110	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.114	-2.2	107	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	109	0.00
35 S	Dibromofluoromethane	50.000	51.864	-3.7	113	0.00
36 T	1,1-Dichloropropene	50.000	47.785	4.4	111	0.00
37 T	Ethyl Acetate	50.000	52.652	-5.3	121	0.00
38 T	Carbon Tetrachloride	50.000	45.231	9.5	104	0.00
39 T	Methylcyclohexane	50.000	49.686	0.6	113	0.00
40 TM	Benzene	50.000	49.035	1.9	115	0.00
41 T	Methacrylonitrile	50.000	56.336	-12.7	122	0.00
42 TM	1,2-Dichloroethane	50.000	48.635	2.7	112	0.00
43 T	Isopropyl Acetate	50.000	53.840	-7.7	122	0.00
44 TM	Trichloroethene	50.000	46.280	7.4	107	0.00
45 C	1,2-Dichloropropane	50.000	56.041	-12.1#	120	0.00
46 T	Dibromomethane	50.000	51.373	-2.7	115	0.00
47 T	Bromodichloromethane	50.000	49.263	1.5	115	0.00
48 T	Methyl methacrylate	50.000	57.315	-14.6	125	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1088.069	-8.8	126	-0.01
50 S	Toluene-d8	50.000	51.089	-2.2	112	0.00
51 T	4-Methyl-2-Pentanone	250.000	284.472	-13.8	123	0.00
52 CM	Toluene	50.000	51.295	-2.6#	113	0.00
53 T	t-1,3-Dichloropropene	50.000	49.441	1.1	112	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.472	-0.9	112	0.00
55 T	1,1,2-Trichloroethane	50.000	49.378	1.2	116	0.00
56 T	Ethyl methacrylate	50.000	51.333	-2.7	123	0.00
57 T	1,3-Dichloropropane	50.000	51.703	-3.4	119	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	262.368	-4.9	149	0.00
59 T	2-Hexanone	250.000	272.387	-9.0	124	0.00
60 T	Dibromochloromethane	50.000	50.349	-0.7	114	0.00
61 T	1,2-Dibromoethane	50.000	48.228	3.5	113	0.00
62 S	4-Bromofluorobenzene	50.000	50.245	-0.5	108	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	110	0.00
64 T	Tetrachloroethene	50.000	46.469	7.1	102	0.00
65 PM	Chlorobenzene	50.000	50.467	-0.9	115	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.025	-2.0	114	0.00
67 C	Ethyl Benzene	50.000	53.014	-6.0#	116	0.00
68 T	m/p-Xylenes	100.000	105.759	-5.8	113	0.00
69 T	o-Xylene	50.000	49.794	0.4	109	0.00
70 T	Styrene	50.000	52.055	-4.1	109	0.00
71 P	Bromoform	50.000	49.520	1.0	109	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	53.031	-6.1	108	0.00
74 T	N-ethyl acetate	50.000	51.269	-2.5	118	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.333	-6.7	118	0.00
76 T	1,2,3-Trichloropropane	50.000	50.339	-0.7	112	0.00
77 T	Bromobenzene	50.000	50.276	-0.6	110	0.00
78 T	n-propylbenzene	50.000	53.798	-7.6	109	0.00
79 T	2-Chlorotoluene	50.000	52.217	-4.4	110	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.422	-6.8	108	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.235	7.5	99	0.00
82 T	4-Chlorotoluene	50.000	52.016	-4.0	107	0.00
83 T	tert-Butylbenzene	50.000	54.500	-9.0	112	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.395	-0.8	110	0.00
85 T	sec-Butylbenzene	50.000	54.103	-8.2	110	0.00
86 T	p-Isopropyltoluene	50.000	53.936	-7.9	109	0.00
87 T	1,3-Dichlorobenzene	50.000	49.497	1.0	109	0.00
88 T	1,4-Dichlorobenzene	50.000	48.091	3.8	108	0.00
89 T	n-Butylbenzene	50.000	48.390	3.2	109	0.00
90 T	Hexachloroethane	50.000	47.460	5.1	109	0.00
91 T	1,2-Dichlorobenzene	50.000	49.240	1.5	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.247	-2.5	112	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.461	1.1	105	0.00
94 T	Hexachlorobutadiene	50.000	43.022	14.0	101	0.00
95 T	Naphthalene	50.000	48.947	2.1	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.204	-0.4	106	0.00

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