

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U062822\
 Data File : U049447.D
 Acq On : 28 Jun 2022 10:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 28 17:05:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 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	165	0.00
2 T	Dichlorodifluoromethane	50.000	43.764	12.5	137	0.00
3 P	Chloromethane	50.000	42.252	15.5	141	0.00
4 C	Vinyl Chloride	50.000	44.905	10.2#	143	0.00
5 T	Bromomethane	50.000	46.591	6.8	167	0.00
6 T	Chloroethane	50.000	51.482	-3.0	192	0.01
7 T	Trichlorofluoromethane	50.000	43.305	13.4	141	0.02
8 T	Diethyl Ether	50.000	48.135	3.7	165	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.646	0.7	159	0.02
10 T	Methyl Iodide	50.000	56.036	-12.1	241	0.01
11 T	Tert butyl alcohol	250.000	288.178	-15.3	209	-0.12
12 CM	1,1-Dichloroethene	50.000	49.012	2.0#	163	0.01
13 T	Acrolein	250.000	179.700	28.1#	125	0.00
14 T	Allyl chloride	50.000	47.395	5.2	158	0.00
15 T	Acrylonitrile	250.000	247.403	1.0	167	0.00
16 T	Acetone	250.000	231.495	7.4	169	0.00
17 T	Carbon Disulfide	50.000	44.450	11.1	154	0.01
18 T	Methyl Acetate	50.000	45.662	8.7	159	0.00
19 T	Methyl tert-butyl Ether	50.000	48.137	3.7	160	0.00
20 T	Methylene Chloride	50.000	48.561	2.9	160	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.417	3.2	160	0.00
22 T	Diisopropyl ether	50.000	47.405	5.2	156	0.00
23 T	Vinyl Acetate	250.000	242.424	3.0	157	0.00
24 P	1,1-Dichloroethane	50.000	46.621	6.8	155	0.00
25 T	2-Butanone	250.000	248.912	0.4	173	0.00
26 T	2,2-Dichloropropane	50.000	45.600	8.8	150	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.593	0.8	165	0.00
28 T	Bromochloromethane	50.000	46.287	7.4	149	0.00
29 T	Tetrahydrofuran	250.000	238.945	4.4	165	0.00
30 C	Chloroform	50.000	45.242	9.5#	152	0.00
31 T	Cyclohexane	50.000	45.543	8.9	153	0.00
32 T	1,1,1-Trichloroethane	50.000	45.719	8.6	146	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.982	10.0	147	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	167	0.00
35 S	Dibromofluoromethane	50.000	47.970	4.1	158	0.00
36 T	1,1-Dichloropropene	50.000	46.996	6.0	155	0.00
37 T	Ethyl Acetate	50.000	45.910	8.2	141	0.00
38 T	Carbon Tetrachloride	50.000	44.868	10.3	146	0.00
39 T	Methylcyclohexane	50.000	49.540	0.9	156	0.00
40 TM	Benzene	50.000	47.054	5.9	157	0.00
41 T	Methacrylonitrile	50.000	47.761	4.5	163	0.00
42 TM	1,2-Dichloroethane	50.000	44.222	11.6	145	0.00
43 T	Isopropyl Acetate	50.000	47.170	5.7	159	0.00
44 TM	Trichloroethene	50.000	48.039	3.9	161	0.00
45 C	1,2-Dichloropropane	50.000	46.090	7.8#	156	0.00
46 T	Dibromomethane	50.000	46.586	6.8	153	0.00
47 T	Bromodichloromethane	50.000	45.874	8.3	151	0.00
48 T	Methyl methacrylate	50.000	47.795	4.4	158	0.00

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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)
49 T	1,4-Dioxane	1000.000	1039.283	-3.9	185	-0.01
50 S	Toluene-d8	50.000	49.203	1.6	162	0.00
51 T	4-Methyl-2-Pentanone	250.000	232.870	6.9	154	-0.01
52 CM	Toluene	50.000	48.180	3.6#	160	0.00
53 T	t-1,3-Dichloropropene	50.000	48.418	3.2	156	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.257	1.5	158	0.00
55 T	1,1,2-Trichloroethane	50.000	48.515	3.0	157	0.00
56 T	Ethyl methacrylate	50.000	50.245	-0.5	159	0.00
57 T	1,3-Dichloropropane	50.000	46.467	7.1	153	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	338.924	-35.6#	208	0.00
59 T	2-Hexanone	250.000	233.076	6.8	158	-0.01
60 T	Dibromochloromethane	50.000	48.162	3.7	152	0.00
61 T	1,2-Dibromoethane	50.000	48.040	3.9	161	0.00
62 S	4-Bromofluorobenzene	50.000	49.067	1.9	159	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	161	0.00
64 T	Tetrachloroethene	50.000	48.566	2.9	158	0.00
65 PM	Chlorobenzene	50.000	48.955	2.1	160	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.426	1.1	156	0.00
67 C	Ethyl Benzene	50.000	50.191	-0.4#	161	0.00
68 T	m/p-Xylenes	100.000	101.306	-1.3	162	0.00
69 T	o-Xylene	50.000	50.424	-0.8	160	0.00
70 T	Styrene	50.000	52.186	-4.4	160	0.00
71 P	Bromoform	50.000	48.994	2.0	151	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	158	0.00
73 T	Isopropylbenzene	50.000	53.378	-6.8	160	0.00
74 T	N-ethyl acetate	50.000	50.485	-1.0	156	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.165	1.7	155	0.00
76 T	1,2,3-Trichloropropane	50.000	49.738	0.5	155	0.00
77 T	Bromobenzene	50.000	50.547	-1.1	159	0.00
78 T	n-propylbenzene	50.000	51.753	-3.5	155	0.00
79 T	2-Chlorotoluene	50.000	50.042	-0.1	154	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.183	-4.4	157	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.807	-1.6	155	0.00
82 T	4-Chlorotoluene	50.000	50.564	-1.1	154	0.00
83 T	tert-Butylbenzene	50.000	51.699	-3.4	154	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.493	-5.0	155	0.00
85 T	sec-Butylbenzene	50.000	51.533	-3.1	152	0.00
86 T	p-Isopropyltoluene	50.000	52.958	-5.9	157	0.00
87 T	1,3-Dichlorobenzene	50.000	49.664	0.7	158	0.00
88 T	1,4-Dichlorobenzene	50.000	49.576	0.8	162	0.00
89 T	n-Butylbenzene	50.000	51.810	-3.6	163	0.00
90 T	Hexachloroethane	50.000	45.807	8.4	139	0.00
91 T	1,2-Dichlorobenzene	50.000	50.384	-0.8	160	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.270	1.5	158	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.131	-0.3	168	0.00
94 T	Hexachlorobutadiene	50.000	47.876	4.2	146	0.00
95 T	Naphthalene	50.000	51.864	-3.7	176	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.338	1.3	161	0.00

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